

Natural Gas Monthly

June 2004

Energy Information Administration
Office of Oil and Gas
U.S. Department of Energy
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Natural Gas Publications and Databases Available Electronically

All of the natural gas publications are available electronically on the EIA website. Certain natural gas data are also provided in database formats on the web site. The table below is a guide to the major natural gas products.

Product	Format	Contents
<u>Publications</u>		
<i>Weekly Natural Gas Storage Report</i>	HTML	Weekly estimates of natural gas in underground storage for the U.S. and three regions of the U.S.
<i>Natural Gas Weekly Update</i>	PDF	Analysis of current price, supply and storage data
<i>Natural Gas Monthly</i>	PDF, HTML, XLS	Monthly supply, disposition, and price data
<i>Natural Gas Annual</i>	PDF, XLS	Annual supply, disposition, and price data
<i>U.S. Crude Oil, Natural Gas and Natural Gas Liquids Reserves</i>	PDF, HTML	Proved reserves in the United States
<i>Oil and Gas Field Code Master List</i>	PDF	Listing of U.S. oil and gas field names
<u>Databases</u>		
Monthly Data	TXT	Tables 1-6, and 9 from the <i>Natural Gas Monthly</i>
Historical Monthly Data	EXE	Consumption and price data, 1984-present
Annual Data	XLS, TXT	Data from the <i>Natural Gas Annual</i>
Historical Annual Data	XLS, TXT	Data from the <i>Historical Natural Gas Annual</i>
Field Codes	EXE	Oil & Gas Field Code Master List
<u>Applications</u>		
EIA-176 Query System	EXE	Company filings to the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"

PDF files are image files that can be viewed through Adobe Acrobat.

XLS (Excel) files are in spreadsheet format and are viewable and downloadable to the user's PC.

TXT files are ASCII text. They may be replications of published tables, including table titles, column and row identification, or they may be flat files with a minimum of content description suitable for input to spreadsheets or other programs.

EXE files are executables that can be downloaded then opened. Databases are distributed as self-executing Zipped archives which spawn numerous data files and documentation. Applications are distributed as self-executing Zipped archives which initially generate numerous files and then form an application which is installed on the user's PC.

Preface

The *Natural Gas Monthly* (NGM) is prepared in the Natural Gas Division, Office of Oil and Gas, Energy Information Administration (EIA), U.S. Department of Energy (DOE), under the direction of Elizabeth Campbell.

General questions and comments regarding the NGM may be referred to Roy Kass (202) 586-4790. Specific technical questions may be referred to the appropriate persons listed in Appendix D.

The NGM highlights activities, events, and analyses of interest to public and private sector organizations associated with the natural gas industry. Volume and price data are presented each month for natural gas production, distribution, consumption, and interstate pipeline activities. Producer-related activities and underground storage data are also reported. From time to time, the NGM features articles designed to assist readers in using and interpreting natural gas information.

The data in this publication are collected on surveys conducted by the EIA to fulfill its responsibilities for gathering and reporting energy data. Some of the data are collected under the authority of the Federal Energy Regulatory Commission (FERC), an independent commission within the DOE, which has jurisdiction primarily in the regulation of electric utilities and the interstate natural gas industry. Geographic coverage is the 50 States and the District of Columbia.

Explanatory Notes supplement the information found in tables of the report. A description of the data collection surveys that support the NGM is provided in the Data Sources section. A glossary of the terms used in this report is also provided to assist readers in understanding the data presented in this publication.

All natural gas volumes are reported at a pressure base of 14.73 pounds per square inch absolute (psia) and at 60 degrees Fahrenheit. Cubic feet are converted to cubic meters by applying a factor of 0.02831685.

Common Abbreviations Used in the Natural Gas Monthly

AGA	American Gas Association	Mcf	Thousand cubic feet
Bcf	Billion cubic feet	MMBtu	Million British thermal units
DOE	U.S. Department of Energy	MMcf	Million cubic feet
EIA	Energy Information Administration, U.S. Department of Energy	MMS	Minerals Management Service, U.S. Department of the Interior
FERC	Federal Energy Regulatory Commission	OCS	Outer Continental Shelf
IOGCC	Interstate Oil and Gas Compact Commission	Tcf	Trillion cubic feet
LNG	Liquefied natural gas		

Contents

Highlights	1
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Appendices

A. Explanatory Notes.....	71
B. Data Sources	77
C. Statistical Considerations	81
D. Technical Contacts.....	87

Glossary	89
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Tables

1. Summary of Natural Gas Production in the United States, 1999-2004	3
2. Supply and Disposition of Dry Natural Gas in the United States, 1999-2004.....	4
3. Natural Gas Consumption in the United States, 1999-2004.....	6
4. Selected National Average Natural Gas Prices, 1999-2004	8
5. U.S. Natural Gas Imports and Exports, 2002-2004.....	10
6. Summary of U.S. Natural Gas Imports and Exports, 1998-2002	14
7. Marketed Production of Natural Gas, by State and Federal Gulf of Mexico, 1999-2004	15
8. Gross Withdrawals and Marketed Production of Natural Gas, by State and Federal Gulf of Mexico, February 2004.....	18
9. Underground Natural Gas Storage - All Operators, 1999-2004	19
10. Underground Natural Gas Storage - by Season, 2001-2004.....	21
11. Underground Natural Gas Storage - Salt Cavern Storage Fields, 1999-2004	22
12. Underground Natural Gas Storage - Storage Fields Other than Salt Caverns, 1999-2004.....	23
13. Net Withdrawals from Underground Storage, by State, 2002-2004	24
14. Activities of Underground Natural Gas Storage Operators, by State, April 2004.....	28
15. Natural Gas Deliveries to Residential Consumers, by State, 2002-2004	29
16. Natural Gas Deliveries to Commercial Consumers, by State, 2002-2004.....	33

17. Natural Gas Deliveries to Industrial Consumers, by State, 2002-2004.....	37
18. Natural Gas Deliveries to Electric Power Consumers, by State, 2002-2004.....	41
19. Natural Gas Deliveries to All Consumers, by State, 2002-2004.....	45
20. Average City Gate Price, by State, 2002-2004	49
21. Average Price of Natural Gas Sold to Residential Consumers, by State, 2002-2004	52
22. Average Price of Natural Gas Sold to Commercial Consumers, by State, 2002-2004	55
23. Average Price of Natural Gas Sold to Industrial Consumers, by State, 2002-2004.....	58
24. Average Price of Natural Gas Sold to Electric Power Consumers, by State, 2002-2004	61
25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2002-2004.....	64
A1. Methodology for Reporting Initial Monthly Natural Gas Supply and Disposition Data	71
C1. Standard Error for Natural Gas Deliveries and Price to Consumers by State, March 2004	86

Figures

1. Production, Consumption and Net Imports of Natural Gas in the United States, 2002-2004	5
2. Natural Gas Deliveries to Consumers in the United States, 2002-2004.....	7
3. Average Consumer Price of Natural Gas in the United States, 2002-2004	9
4. Average Price of Natural Gas in the United States, 2002-2004.....	9
5. Working Gas in Underground Natural Gas Storage in the United States, 2001-2004.....	20
6. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, 2002-2004.....	70

Highlights

This issue of the *Natural Gas Monthly* (NGM) contains estimates of natural gas data through March 2004 for many data series at the national level. National-level natural gas prices are also available through March 2004. State-level data are generally available through March 2004, although underground storage data are available through April 2004.

Recent analyses of the natural gas industry are available on the EIA web site, www.eia.doe.gov, under "Featured Topics" to the right side of the home page. The first two reports listed below are updated regularly. These reports are:

- *Weekly Natural Gas Storage Report* -- a weekly report containing estimates of natural gas in underground storage for the United States and three regions of the United States released each Thursday at 10:30 a.m. at the EIA Web site, except for certain weeks with Federal holidays. The report, first released on May 9, 2002, contains

estimates of storage for the current and prior week and comparisons to previous periods. Links are provided to papers describing survey Form EIA-912, "Weekly Underground Natural Gas Survey," and the estimation methodology.

- *Natural Gas Weekly Update* -- a current analysis of the industry each week, including information on natural gas spot and futures prices and storage activities. This page also provides links to numerous other EIA sites dealing with natural gas.
- *Short-Term Energy Outlook* -- projections of energy consumption, supply, and price by type of fuel, including natural gas, for the next 18 months.

Other natural gas data and analyses may be found through the "Natural Gas" section of EIA's web site. In the center section of the home page, the user should place the cursor on "By Fuel," then click on "Natural Gas" in the drop-down menu.

Consumption for Electric Power Sector and Electric Utility Prices

Data for the volume of natural gas consumed by the Electric Power Sector in March 2004 and the price of gas paid by electric utilities in February 2004 were not available for this issue of the *Natural Gas Monthly*. The Energy Information Administration expects to release those data in the *Electric Power Monthly* before the July issue of the *Natural Gas Monthly* becomes available. You may find that report on the EIA web site. Click on the by-fuel section of the EIA home page and select electricity. The URL for direct access to the *Electric Power Monthly* is http://www.eia.doe.gov/cneaf/electricity/epm/epm_sum.html

National level consumption by the electric power sector for March 2004 shown in this *Natural Gas Monthly* was estimated from the STEO Query System available at (http://tonto.eia.doe.gov/STEO_Query/app/).

Electric Power Price

The price shown for January 2002 forward in the *Natural Gas Monthly* for natural gas consumed by electricity generators now represents both that used by regulated utilities and by nonregulated power producers whose line of business is the generation of power. (NAICS 22 facilities) Publication of these data is supported by two separate surveys: FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants", which is completed by regulated utilities and Form EIA-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants Report," which is completed by nonregulated power producers. The latter survey, started in 2002, collects information from the nonutility portion of the electric power sector.

Price data through 2001 cover gas purchased by regulated electric generating plants at which the generator nameplate capacity of all steam-electric and combined-cycle units together totals 50 megawatts or more. Data for 2002 forward cover those plants plus unregulated generating plants whose total facility fossil-fueled nameplate generating capacity is 50 megawatts or greater, regardless of unit type.

Table 1. Summary of Natural Gas Production in the United States, 1999-2004
(Billion Cubic Feet)

Year and Month	Gross Withdrawals	Repressuring	Nonhydrocarbon Gases Removed ^a	Vented and Flared	Marketed Production (Wet)	Extraction Loss ^b	Dry Gas Production ^c
1999 Total	23,823	3,293	615	110	19,805	973	18,832
2000 Total	24,174	3,380	505	91	20,198	1,016	19,182
2001 Total	24,501	3,371	463	97	20,570	954	19,616
2002							
January	2,062	305	43	9	1,705	82	1,623
February	1,864	289	39	7	1,528	73	1,455
March	2,066	308	44	8	1,706	82	1,624
April	1,986	284	43	8	1,652	79	1,573
May	2,030	264	44	8	1,713	82	1,631
June	1,969	270	43	8	1,648	79	1,569
July	2,038	266	44	8	1,720	83	1,638
August	2,023	281	44	9	1,688	81	1,607
September	1,918	279	43	8	1,588	76	1,511
October	1,982	302	37	8	1,636	78	1,558
November	1,987	298	39	8	1,642	79	1,563
December	2,052	309	40	10	1,693	81	1,612
Total	23,977	3,455	502	99	19,921	957	18,964
2003							
January	^E 2,095	^E 333	^E 33	^E 9	^E 1,721	^E 83	^E 1,638
February	^E 1,905	^E 310	^E 30	^E 8	^E 1,558	^E 75	^E 1,483
March	^E 2,115	^E 331	^E 32	^E 9	^E 1,743	^E 84	^E 1,660
April	^E 1,999	^E 307	^E 30	^E 8	^E 1,654	^E 79	^E 1,574
May	^E 2,042	^E 302	^E 30	^E 9	^E 1,701	^E 82	^E 1,620
June	^E 1,973	^E 297	^E 31	^E 7	^E 1,637	^E 79	^E 1,558
July	^E 2,014	^E 287	^E 32	^E 8	^E 1,687	^E 81	^E 1,606
August	^E 2,027	^E 302	^E 33	^E 8	^E 1,684	^E 81	^E 1,604
September	^E 1,981	^E 294	^E 32	^E 8	^E 1,647	^E 79	^E 1,568
October	^E 2,044	^E 316	^E 34	^E 8	^E 1,686	^E 81	^E 1,605
November	^E 1,977	^E 314	^E 33	^E 7	^E 1,622	^E 78	^E 1,544
December	^{RE} 2,072	^E 341	^E 34	^E 8	^E 1,690	^E 81	^E 1,609
Total	^{RE} 24,243	^E 3,735	^E 384	^E 95	^E 20,030	^E 962	^E 19,068
2004							
January	^{RE} 2,082	^{RE} 344	^E 34	^E 8	^{RE} 1,697	^E 82	^{RE} 1,615
February	^{RE} 1,935	^{RE} 324	^{RE} 31	^E 7	^{RE} 1,572	^{RE} 76	^{RE} 1,497
March	^E 2,116	^E 352	^E 34	^E 8	^E 1,722	^E 83	^E 1,639
2004 YTD	^E6,133	^E1,020	^E99	^E23	^E4,991	^E240	^E4,752
2003 YTD	^E6,115	^E974	^E95	^E25	^E5,022	^E241	^E4,781
2002 YTD	5,992	903	126	24	4,939	237	4,702

^a See Appendix A, Explanatory Note 2, for a discussion of data on Nonhydrocarbon Gases Removed.

^b Extraction loss is collected only on an annual basis. Monthly extraction loss is estimated from monthly marketed production by assuming that the preceding annual percentage remains constant for the next twelve months.

^c Equal to marketed production (wet) minus extraction loss.

^E Estimated Data.

^{RE} Revised Estimated Data.

Notes: Data for 1999 through 2002 are final. All other data are preliminary

unless otherwise indicated and contain estimates for selected States (see Table 7). Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding.

Sources: 1999-2002: Energy Information Administration (EIA), *Natural Gas Annual 2002*. January 2003 through current month: Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," and EIA estimates. See Appendix A, Explanatory Notes 1, 2, and 3, for discussion of computation and estimation procedures and revision policies.

Table 2. Supply and Disposition of Dry Natural Gas in the United States, 1999-2004
(Billion Cubic Feet)

Year and Month	Dry Gas Production	Supplemental Gaseous Fuels ^a	Net Imports	Net Storage Withdrawals ^b	Balancing Item ^c	Consumption ^d
1999 Total	18,832	98	3,422	172	-119	22,405
2000 Total	19,182	90	3,538	829	-305	23,333
2001 Total	19,616	86	3,604	-1,166	99	22,239
2002						
January	1,623	6	309	558	-8	2,488
February	1,455	6	276	474	34	2,243
March	1,624	6	294	327	9	2,260
April	1,573	5	276	-129	156	1,881
May	1,631	5	280	-330	26	1,612
June	1,569	5	273	-350	94	1,591
July	1,638	6	300	-248	54	1,749
August	1,607	6	310	-242	44	1,725
September	1,511	5	289	-276	13	1,543
October	1,558	6	301	-89	-132	1,643
November	1,563	6	276	202	-137	1,911
December	1,612	7	316	572	-133	2,373
Total	18,964	68	3,499	468	19	23,018
2003						
January	^E 1,638	^E 6	299	841	^R -105	^R 2,679
February	^E 1,483	^E 6	250	676	^R 71	^R 2,486
March	^E 1,660	^E 5	270	136	108	2,178
April	^E 1,574	^E 4	257	-158	36	1,713
May	^E 1,620	^E 6	269	-412	13	1,495
June	^E 1,558	^E 5	252	-470	-9	1,335
July	^E 1,606	^E 6	291	-361	^R 32	^R 1,572
August	^E 1,604	^E 6	280	-309	28	1,609
September	^E 1,568	^E 5	266	-411	-47	1,381
October	^E 1,605	^E 5	270	-284	-69	1,527
November	^E 1,544	^E 6	246	86	^R -157	^R 1,726
December	^E 1,609	^E 6	286	473	^R -126	2,248
Total	^E19,068	^E65	3,236	-193	^R-226	^R21,950
2004						
January	^{RE} 1,615	^E 6	^{RE} 295	811	^R -74	2,653
February	^{RE} 1,497	^E 6	^{RE} 275	600	^R 100	^R 2,477
March	^E 1,639	^{RE} 5	^{RE} 270	103	^R 58	2,076
2004 YTD	^E4,752	^E17	^E839	1,514	83	7,205
2003 YTD	^E4,781	^E17	819	1,653	74	7,343
2002 YTD	4,702	18	879	1,358	35	6,991

^a Supplemental gaseous fuels data are collected only on an annual basis except for the Dakota Gasification Co. coal gasification facility which provides data each month. The ratio of annual supplemental fuels (excluding Dakota Gasification Co.) to the sum of dry gas production, net imports, and net withdrawals from storage is calculated. This ratio is applied to the monthly sum of these three elements. The Dakota Gasification Co. monthly value is added to the result to produce the monthly supplemental fuels estimate.

^b Monthly and annual data for 1999 through 2002 include underground storage and liquefied natural gas storage. Data for January 2003 forward include underground storage only. See Appendix A, Explanatory Note 6 for discussion of computation procedures.

^c Represents quantities lost and imbalances in data due to differences among data sources. Net imports and balancing item for 1999-2002 excludes net intransit deliveries. These net intransit deliveries were (in billion cubic feet): 58 for 2002; -36 for 2001; -65 for 2000; -8 for 1999. See Appendix A, Explanatory Note 8, for full discussion.

^d Consists of pipeline fuel use, lease and plant fuel use, vehicle fuel, and deliveries to consuming sectors as shown in Table 3.

^R Revised Data.

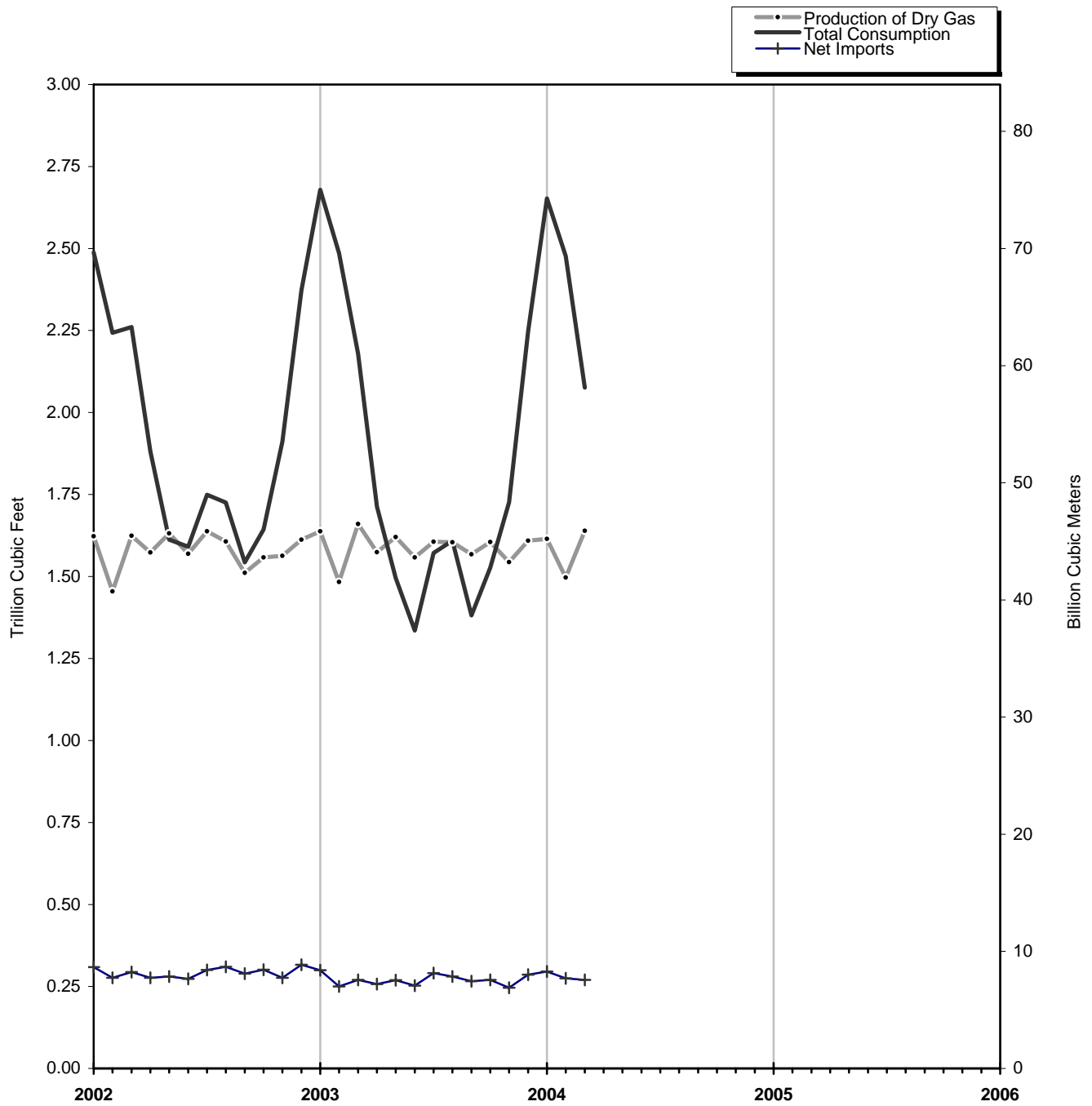
^E Estimated Data.

^{RE} Revised Estimated Data.

Notes: Data for 1999 through 2002 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding.

Sources: 1999-2002: Energy Information Administration (EIA), *Natural Gas Annual 2002*. January 2003 through current month: EIA, Form EIA-895, Form EIA-857, Form EIA-191, EIA computations and estimates, and Office of Fossil Energy, *"Natural Gas Imports and Exports."* See Appendix A, Notes 4 and 5, for discussion of computation and estimation procedures and revisor policies.

Figure 1. Production, Consumption and Net Imports of Natural Gas in the United States, 2002-2004



Source: Table 2.

Table 3. Natural Gas Consumption in the United States, 1999-2004
(Billion Cubic Feet)

Year and Month	Lease and Plant Fuel ^a	Pipeline and Distribution Use ^b	Delivered to Consumers						Total Consumption
			Residential	Commercial	Industrial	Electric Power	Vehicle Fuel	Total	
1999 Total	1,079	645	4,726	3,045	8,079	4,820	12	20,681	22,405
2000 Total	1,151	642	4,996	3,182	8,142	5,206	13	21,540	23,333
2001 Total	1,119	625	4,771	3,023	7,344	5,342	15	20,495	22,239
2002									
January	96	73	816	430	691	381	1	2,319	2,488
February	86	66	713	397	635	344	1	2,091	2,243
March	96	66	661	369	660	407	1	2,098	2,260
April	92	54	415	264	649	404	1	1,734	1,881
May	95	46	255	190	614	410	1	1,471	1,612
June	92	46	160	144	597	551	1	1,453	1,591
July	95	50	125	134	610	734	1	1,604	1,749
August	94	50	116	133	614	718	1	1,581	1,725
September	89	44	124	139	577	569	1	1,409	1,543
October	92	47	251	195	615	442	1	1,504	1,643
November	92	55	483	295	632	352	1	1,763	1,911
December	95	69	771	414	662	360	1	2,209	2,373
Total	1,114	667	4,890	3,103	7,557	5,672	15	21,236	23,018
2003									
January	^E 96	78	953	511	^R 673	367	1	^R 2,505	^R 2,679
February	^E 87	72	890	476	^R 631	329	1	^R 2,327	^R 2,486
March	^E 98	63	679	382	603	353	1	2,018	2,178
April	^E 93	50	417	257	562	333	1	1,571	1,713
May	^E 95	43	250	177	547	381	1	1,357	1,495
June	^E 92	39	158	135	500	411	1	1,205	1,335
July	^E 94	46	127	130	^R 565	609	1	^R 1,433	^R 1,572
August	^E 94	47	116	128	569	654	1	1,468	1,609
September	^E 92	40	128	133	552	434	1	1,249	1,381
October	^E 94	44	230	178	588	391	1	1,389	1,527
November	^E 91	50	414	^R 249	583	338	1	^R 1,585	^R 1,726
December	^E 95	65	742	386	^R 630	329	1	^R 2,089	2,248
Total	^E 1,121	636	5,105	^R 3,142	^R 7,002	4,929	15	^R 20,193	^R 21,950
2004									
January	^E 95	77	^R 972	488	^R 678	342	1	2,481	2,653
February	^R E88	^R 72	^R 859	^R 460	641	^R 356	1	^R 2,317	^R 2,477
March	^E 96	60	593	346	624	^E 355	1	1,919	2,076
2004 YTD^d	^E 279	209	2,424	1,293	1,943	^E 1,052	4	6,717	7,205
2003 YTD^d	^E 281	213	2,522	1,368	1,907	1,049	4	6,850	7,343
2002 YTD^d	278	204	2,190	1,197	1,986	1,132	4	6,509	6,991

^a Plant fuel data and lease fuel data are collected only annually. Monthly lease and plant fuel use is estimated from monthly marketed production by assuming that the preceding annual percentage remains constant for the next twelve months.

^b Pipeline and distribution use is collected only on an annual basis. Monthly pipeline and distribution use data are estimated from monthly total consumption(excluding pipeline and distribution use) by assuming that the preceding annual percentage remains constant for the next twelve months.

^d Year-to-date volume represents months for which volume information is available in the current year.

^R Revised Data.

^E Estimated Data.

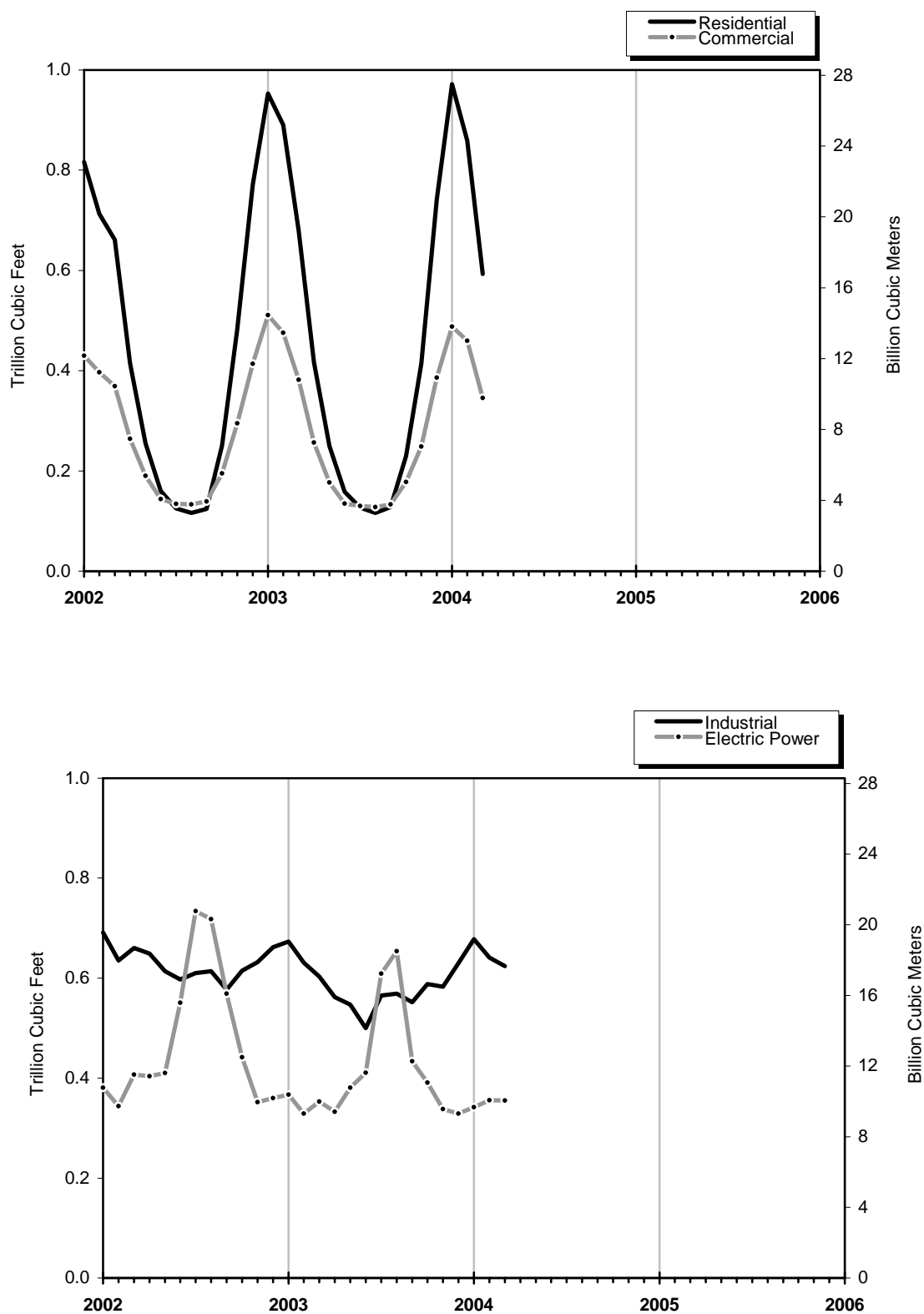
^{RE} Revised Estimated Data.

^{NA} Not Available.

Notes: Data for 1999 through 2002 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding. See Explanatory Note 7 for definition of sectors.

Sources: 1999-2002: Energy Information Administration (EIA): Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," Form EIA-759, "Monthly Power Plant Report," Form EIA-906, "Power Plant Report," EIA computations, and *Natural Gas Annual 2002*. January 2003 through the current month: EIA: Form EIA-895, Form EIA-857, and Form EIA-906. See Appendix A, Explanatory Note 7, for computation procedures and revision policy.

Figure 2. Natural Gas Deliveries to Consumers in the United States, 2002-2004



Source: Table 3.

Table 4. Selected National Average Natural Gas Prices, 1999-2004

(Dollars per Thousand Cubic Feet)

Year and Month	Wellhead Price ^a	City Gate Price	Consumer Prices					
			Residential Price	Commercial		Industrial		Electric Power Price ^c
				Price	% of Total ^b	Price	% of Total ^b	
1999 Annual Average	2.19	3.10	6.69	5.33	66.1	3.12	18.8	2.62
2000 Annual Average	3.68	4.62	7.76	6.59	63.9	4.45	19.8	4.38
2001 Annual Average	4.00	5.72	9.63	8.43	66.0	5.24	20.8	4.61
2002								
January	2.50	3.79	7.39	6.53	80.8	4.05	20.1	3.10
February	2.19	3.76	7.24	6.41	81.2	3.70	20.4	2.86
March	2.40	3.84	7.11	6.30	82.3	3.78	20.0	3.37
April	2.94	4.21	7.68	6.57	77.8	3.64	26.1	3.80
May	2.94	4.07	8.55	6.69	74.1	4.07	23.8	3.78
June	2.96	4.15	9.60	6.82	74.4	3.86	25.4	3.61
July	2.92	3.95	10.34	6.63	72.7	3.80	23.8	3.49
August	2.76	3.67	10.47	6.46	73.3	3.62	22.4	3.42
September	2.97	3.99	10.26	6.55	71.0	3.89	22.4	3.71
October	3.24	4.32	8.62	6.65	74.7	4.18	21.6	4.19
November	3.59	4.65	8.01	6.91	79.5	4.72	21.7	4.35
December	3.96	4.74	7.88	7.18	80.7	4.92	23.0	4.72
Annual Average	2.95	4.12	7.91	6.64	78.4	4.02	22.5	3.68
2003								
January	£4.47	5.31	8.07	7.34	79.1	5.54	21.2	5.28
February	£5.45	5.86	8.44	7.83	79.6	6.27	21.8	6.44
March	£6.69	7.60	9.61	8.96	80.0	8.01	21.4	7.16
April	£4.71	5.61	10.05	8.76	76.6	5.89	21.2	5.36
May	£4.97	£5.67	10.63	8.73	73.5	5.61	20.5	5.69
June	£5.35	6.40	11.91	8.88	72.4	6.37	20.0	5.97
July	£4.91	5.82	12.53	8.68	71.2	5.63	25.7	5.47
August	£4.72	£5.50	12.74	8.35	73.4	5.22	23.6	5.20
September	£4.58	5.58	12.18	8.34	72.4	5.31	23.1	5.12
October	£4.43	5.25	10.54	8.17	73.0	4.80	23.3	5.09
November	£4.34	5.50	£9.67	8.24	77.2	5.15	22.3	4.78
December	£5.08	5.90	9.40	8.44	80.0	£5.78	23.2	5.45
Annual Average	£4.98	£5.86	9.51	8.26	77.3	5.78	22.3	5.55
2004								
January	£5.53	£6.40	9.60	8.85	80.5	6.63	£22.0	£6.38
February	£5.15	6.34	9.73	£8.89	80.8	6.39	23.1	NA
March	£4.97	6.22	9.84	8.76	78.3	5.85	22.2	NA
2004 YTD ^d	£5.22	6.34	9.71	8.84	80.0	6.30	22.4	NA
2003 YTD ^d	£5.54	6.12	8.62	7.97	79.6	6.56	21.5	6.29
2002 YTD ^d	2.36	3.80	7.26	6.42	81.4	3.85	20.2	3.12

^a See Appendix A, Explanatory Note 10, for discussion of wellhead prices.

^b Percentage of total deliveries represented by onsystem sales, see Figure 6. See Table 25 for State data.

^c The electric power sector comprises electricity-only and combined-heat-and-power plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. Through 2001, data are for regulated electric utilities only; beginning in 2002, data also include nonregulated members of the electric power sector.

^d Year-to-date price represents months for which price information is available in the current year. The electric power year-to-date price is 2 month behind the wellhead, city gate, residential, commercial, and

industrial year-to-date prices.

^R Revised Data.

^E Estimated Data.

NA Not Available.

Notes: Data for 1999 through 2002 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia.

Sources: 1999-2002: Energy Information Administration (EIA) *Natural Gas Annual 2002*. January 2003 through current month: EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," Form EIA-910, "Monthly Natural Gas Marketer Survey," Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," and EIA estimates.

Figure 3. Average Consumer Price of Natural Gas in the U.S., 2002-2004

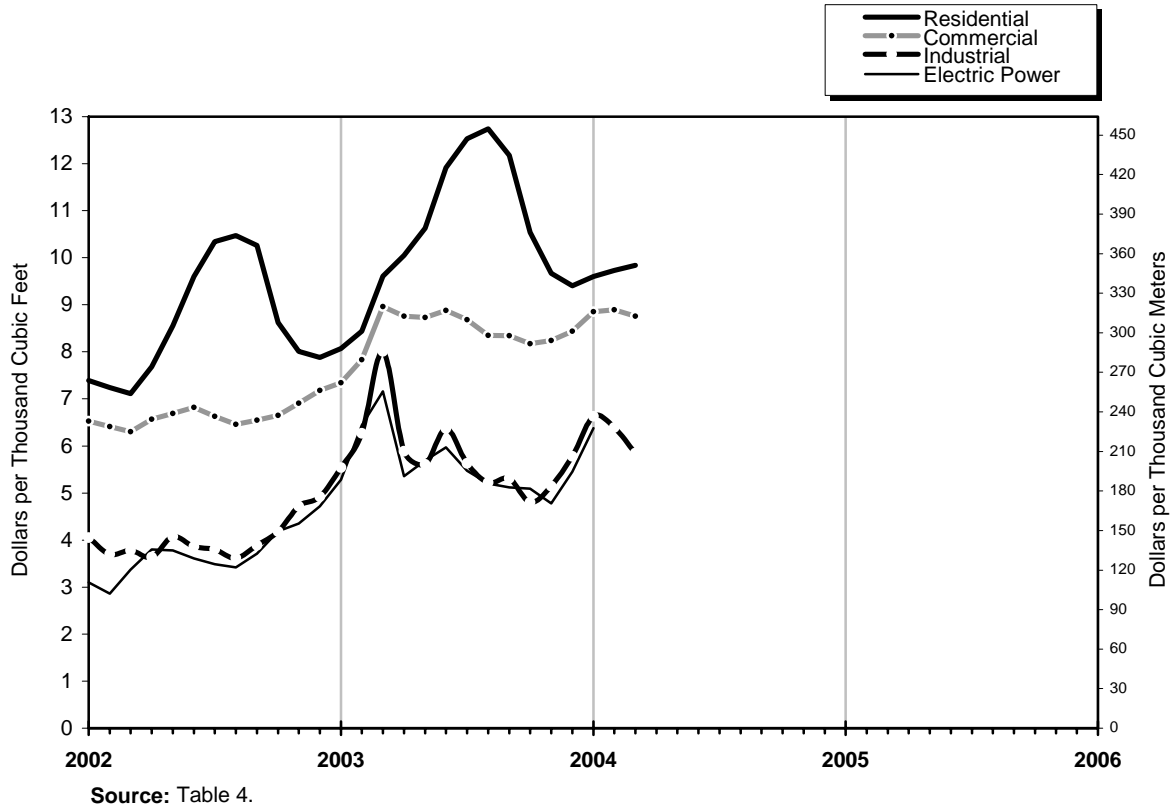


Figure 4. Average Price of Natural Gas in the United States, 2002-2004

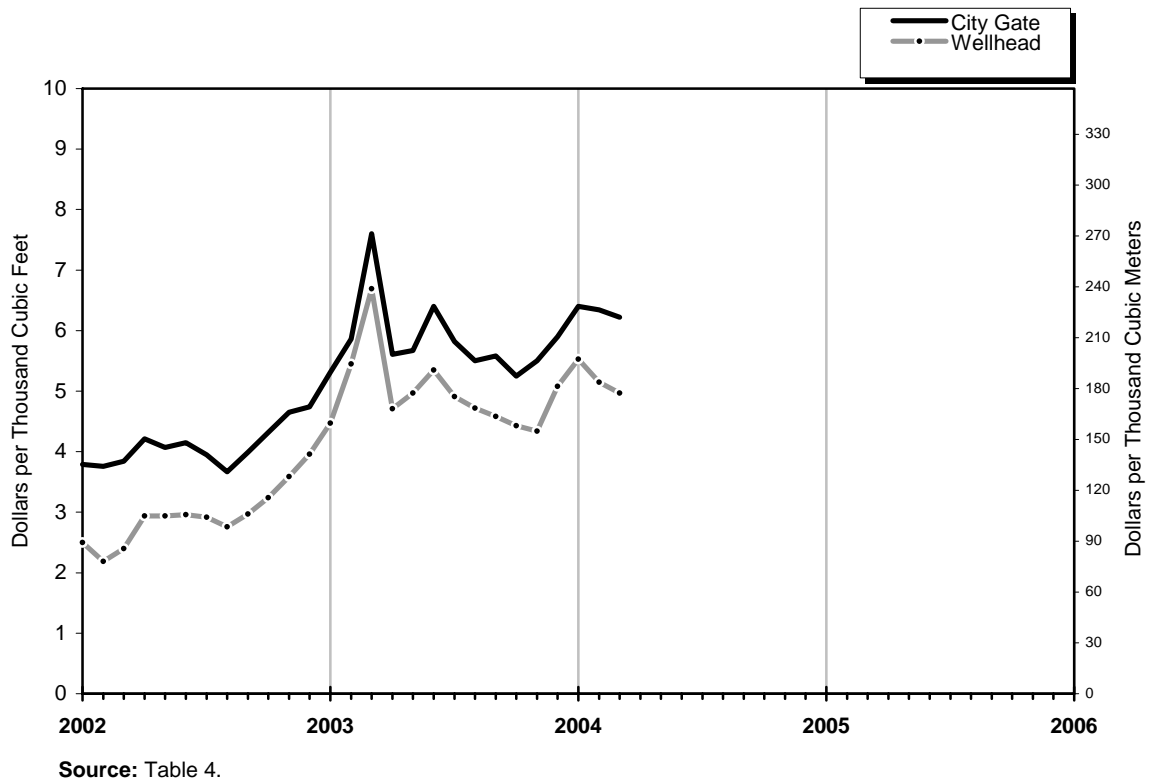


Table 5. U.S. Natural Gas Imports and Exports, 2002-2004

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet)

	YTD 2004	YTD 2003	YTD 2002	2004		
				April	March	February
Imports						
Volume (million cubic feet)						
Pipeline						
Canada ^a	£1,176,091	1,192,892	1,252,376	£270,606	£294,418	£295,985
Mexico	0	0	1,755	0	0	0
Total Pipeline Imports	£1,176,091	1,192,892	1,254,131	£270,606	£294,418	£295,985
LNG						
Algeria	NA	13,671	4,638	NA	NA	NA
Australia	NA	0	0	NA	NA	NA
Brunei	NA	0	0	NA	NA	NA
Indonesia	NA	0	0	NA	NA	NA
Malaysia	NA	0	0	NA	NA	NA
Nigeria	NA	2,604	0	NA	NA	NA
Oman	NA	0	0	NA	NA	NA
Qatar	NA	1,871	5,030	NA	NA	NA
Trinidad/Tobago	NA	89,657	33,311	NA	NA	NA
United Arab Emirates	NA	0	0	NA	NA	NA
Total LNG Imports	£160,290	107,803	42,979	£40,072	£40,072	£40,072
Total Imports	£1,336,381	1,300,696	1,297,110	£310,679	£334,490	£336,058
Average Price (dollars per thousand cubic feet)						
Pipeline						
Canada	NA	5.97	2.72	NA	NA	NA
Mexico	-	-	2.36	-	-	-
Total Pipeline Imports	NA	5.97	2.72	NA	NA	NA
LNG						
Algeria	NA	6.46	3.53	NA	NA	NA
Australia	NA	-	-	NA	NA	NA
Brunei	NA	-	-	NA	NA	NA
Indonesia	NA	-	-	NA	NA	NA
Malaysia	NA	-	-	NA	NA	NA
Nigeria	NA	5.02	-	NA	NA	NA
Oman	NA	-	-	NA	NA	NA
Qatar	NA	5.94	3.03	NA	NA	NA
Trinidad/Tobago	NA	4.91	3.01	NA	NA	NA
United Arab Emirates	NA	-	-	NA	NA	NA
Total LNG Imports	NA	5.13	3.07	NA	NA	NA
Total Imports	NA	5.90	2.73	NA	NA	NA
Exports						
Volume (million cubic feet)						
Pipeline						
Canada	£94,525	112,735	58,984	£20,887	£26,797	£24,101
Mexico	£129,124	90,713	60,666	£32,281	£32,281	£32,281
Total Pipeline Exports	£223,649	203,448	119,650	£53,168	£59,078	£56,382
LNG						
Japan	22,596	21,038	22,407	6,831	5,564	5,130
Mexico	NA	157	153	NA	NA	NA
Total LNG Exports	22,596	21,195	22,560	6,831	5,564	5,130
Total Exports	£246,245	224,643	142,209	£59,999	£64,642	£61,512
Average Price dollars per thousand cubic feet)						
Pipeline						
Canada	NA	7.27	2.61	NA	NA	NA
Mexico	NA	5.92	2.87	NA	NA	NA
Total Pipeline Exports	NA	6.67	2.74	NA	NA	NA
LNG						
Japan	NA	4.39	3.89	NA	NA	NA
Mexico	NA	5.82	5.82	NA	NA	NA
Total LNG Exports	NA	4.40	3.90	NA	NA	NA
Total Exports	NA	6.45	2.92	NA	NA	NA
Net Imports - Volume	£1,090,136	1,076,052	1,154,900	£250,679	£269,849	£274,545

See footnotes at end of table.

Table 5. U.S. Natural Gas Imports and Exports, 2002-2004

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet) — Continued

	2004	2003				
	January	Total	December	November	October	September
Imports						
Volume (million cubic feet)						
Pipeline						
Canada ^a	^R 315,082	3,421,167	321,813	269,920	273,406	266,841
Mexico	0	0	0	0	0	0
Total Pipeline Imports	^R 315,082	3,421,167	321,813	269,920	273,406	266,841
LNG						
Algeria	NA	53,423	2,659	2,784	10,910	8,191
Australia	NA	0	0	0	0	0
Brunei	NA	0	0	0	0	0
Indonesia	NA	0	0	0	0	0
Malaysia	NA	2,704	0	0	0	0
Nigeria	NA	50,067	0	0	5,787	8,250
Oman	NA	8,632	0	3,664	0	2,322
Qatar	NA	13,623	0	0	2,999	5,760
Trinidad/Tobago	NA	378,069	37,414	40,295	37,828	29,312
United Arab Emirates	NA	0	0	0	0	0
Total LNG Imports	^E 40,072	506,519	40,072	46,743	57,523	53,835
Total Imports	^{RE} 355,155	3,927,686	361,886	316,663	330,929	320,676
Average Price (dollars per thousand cubic feet)						
Pipeline						
Canada	NA	5.22	5.10	4.08	4.08	5.10
Mexico	-	-	-	-	-	-
Total Pipeline Imports	NA	5.22	5.10	4.08	4.08	5.10
LNG						
Algeria	NA	5.49	4.94	4.38	4.84	5.15
Australia	NA	-	-	-	-	-
Brunei	NA	-	-	-	-	-
Indonesia	NA	-	-	-	-	-
Malaysia	NA	4.97	-	-	-	-
Nigeria	NA	4.66	-	-	4.48	4.57
Oman	NA	4.23	-	4.60	-	3.96
Qatar	NA	4.99	-	-	3.54	4.79
Trinidad/Tobago	NA	4.69	4.73	4.33	4.19	4.49
United Arab Emirates	NA	-	-	-	-	-
Total LNG Imports	NA	4.78	4.74	4.35	4.31	4.61
Total Imports	NA	5.16	5.06	4.12	4.12	5.02
Exports						
Volume (million cubic feet)						
Pipeline						
Canada	^E 22,740	294,285	37,899	32,282	20,252	21,249
Mexico	^E 32,281	332,829	32,281	32,934	32,953	27,760
Total Pipeline Exports	^E 55,021	627,115	70,180	65,216	53,205	49,009
LNG						
Japan	5,071	64,389	5,663	5,659	7,566	5,475
Mexico	NA	376	38	37	32	28
Total LNG Exports	5,071	64,765	5,701	5,696	7,598	5,503
Total Exports	^E 60,092	691,880	75,882	70,912	60,804	54,512
Average Price dollars per thousand cubic feet)						
Pipeline						
Canada	NA	6.05	5.26	4.92	4.81	5.31
Mexico	NA	5.36	5.56	4.47	4.58	4.89
Total Pipeline Exports	NA	5.68	5.40	4.69	4.67	5.07
LNG						
Japan	NA	4.47	4.50	4.44	4.39	4.39
Mexico	NA	5.82	5.82	5.82	5.82	5.82
Total LNG Exports	NA	4.48	4.51	4.45	4.40	4.40
Total Exports	NA	5.57	5.33	4.67	4.63	5.00
Net Imports - Volume	^{RE} 295,063	3,235,806	286,004	245,751	270,125	266,165

See footnotes at end of table.

Table 5. U.S. Natural Gas Imports and Exports, 2002-2004

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet) — Continued

	2003					
	August	July	June	May	April	March
Imports						
Volume (million cubic feet)						
Pipeline						
Canada ^a	282,616	282,729	257,511	273,438	275,678	293,362
Mexico	0	0	0	0	0	0
Total Pipeline Imports	282,616	282,729	257,511	273,438	275,678	293,362
LNG						
Algeria	2,768	5,462	2,788	4,190	10,893	2,778
Australia	0	0	0	0	0	0
Brunei	0	0	0	0	0	0
Indonesia	0	0	0	0	0	0
Malaysia	0	2,704	0	0	0	0
Nigeria	8,132	2,770	11,237	11,288	2,604	0
Oman	2,646	0	0	0	0	0
Qatar	0	2,993	0	0	0	1,871
Trinidad/Tobago	35,466	43,874	33,889	30,336	19,184	26,353
United Arab Emirates	0	0	0	0	0	0
Total LNG Imports	49,012	57,803	47,914	45,814	32,682	31,002
Total Imports	331,628	340,532	305,425	319,251	308,360	324,364
Average Price (dollars per thousand cubic feet)						
Pipeline						
Canada	4.08	5.10	5.91	5.10	5.10	8.01
Mexico	-	-	-	-	-	-
Total Pipeline Imports	4.08	5.10	5.91	5.10	5.10	8.01
LNG						
Algeria	4.61	6.68	5.54	4.75	6.12	7.79
Australia	-	-	-	-	-	-
Brunei	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-
Malaysia	-	4.97	-	-	-	-
Nigeria	4.50	5.27	4.63	4.73	5.02	-
Oman	3.96	-	-	-	-	-
Qatar	-	6.22	-	-	-	5.94
Trinidad/Tobago	4.39	5.01	5.08	4.79	5.11	5.09
United Arab Emirates	-	-	-	-	-	-
Total LNG Imports	4.40	5.24	5.00	4.77	5.44	5.38
Total Imports	4.13	5.12	5.77	5.05	5.14	7.76
Exports						
Volume (million cubic feet)						
Pipeline						
Canada	16,213	15,845	20,164	17,646	25,684	31,742
Mexico	29,764	27,381	30,124	28,919	20,217	17,298
Total Pipeline Exports	45,977	43,226	50,288	46,565	45,900	49,040
LNG						
Japan	5,145	6,546	3,498	3,798	5,605	5,565
Mexico	21	18	19	27	33	40
Total LNG Exports	5,166	6,564	3,518	3,825	5,637	5,604
Total Exports	51,142	49,790	53,805	50,390	51,537	54,644
Average Price dollars per thousand cubic feet)						
Pipeline						
Canada	4.94	5.64	6.16	5.54	5.51	9.29
Mexico	4.96	5.29	5.95	5.60	5.15	8.46
Total Pipeline Exports	4.95	5.42	6.03	5.58	5.35	9.00
LNG						
Japan	4.42	4.67	4.75	4.61	4.43	4.29
Mexico	5.82	5.82	5.82	5.82	5.82	5.82
Total LNG Exports	4.43	4.67	4.76	4.62	4.44	4.30
Total Exports	4.90	5.32	5.95	5.50	5.25	8.52
Net Imports - Volume	280,485	290,742	251,619	268,861	256,822	269,720

See footnotes at end of table.

Table 5. U.S. Natural Gas Imports and Exports, 2002-2004

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet) — Continued

	2003		2002			
	February	January	Total	December	November	October
Imports						
Volume (million cubic feet)						
Pipeline						
Canada ^a	287,797	336,055	3,784,978	350,581	308,739	316,006
Mexico	0	0	1,755	0	0	0
Total Pipeline Imports	287,797	336,055	3,786,733	350,581	308,739	316,006
LNG						
Algeria	0	0	26,584	2,636	2,636	0
Australia	0	0	0	0	0	0
Brunei	0	0	2,401	0	0	0
Indonesia	0	0	0	0	0	0
Malaysia	0	0	2,423	0	0	0
Nigeria	0	0	8,123	0	0	5,403
Oman	0	0	3,013	0	0	0
Qatar	0	0	35,081	0	0	0
Trinidad/Tobago	21,007	23,113	151,104	17,512	19,169	22,018
United Arab Emirates	0	0	0	0	0	0
Total LNG Imports	21,007	23,113	228,730	20,147	21,804	27,421
Total Imports	308,804	359,168	4,015,463	370,729	330,544	343,427
Average Price (dollars per thousand cubic feet)						
Pipeline						
Canada	5.94	4.93	3.13	4.19	4.05	3.58
Mexico	-	-	2.36	-	-	-
Total Pipeline Imports	5.94	4.93	3.13	4.19	4.05	3.58
LNG						
Algeria	-	-	3.61	4.20	4.07	-
Australia	-	-	-	-	-	-
Brunei	-	-	3.25	-	-	-
Indonesia	-	-	-	-	-	-
Malaysia	-	-	3.43	-	-	-
Nigeria	-	-	3.21	-	-	3.01
Oman	-	-	3.34	-	-	-
Qatar	-	-	3.39	-	-	-
Trinidad/Tobago	4.79	4.65	3.40	4.37	3.81	3.49
United Arab Emirates	-	-	-	-	-	-
Total LNG Imports	4.79	4.65	3.41	4.35	3.84	3.39
Total Imports	5.86	4.91	3.15	4.20	4.04	3.56
Exports						
Volume (million cubic feet)						
Pipeline						
Canada	27,892	27,417	189,313	26,005	27,678	10,182
Mexico	25,177	28,021	263,078	23,113	21,264	26,314
Total Pipeline Exports	53,070	55,439	452,391	49,118	48,942	36,495
LNG						
Japan	5,569	4,301	63,439	5,660	5,609	5,571
Mexico	40	44	403	43	37	43
Total LNG Exports	5,609	4,345	63,842	5,703	5,647	5,614
Total Exports	58,678	59,784	516,233	54,821	54,589	42,109
Average Price dollars per thousand cubic feet)						
Pipeline						
Canada	7.44	6.40	3.35	4.33	4.34	3.78
Mexico	5.78	5.03	3.30	4.26	4.03	3.58
Total Pipeline Exports	6.65	5.71	3.32	4.30	4.20	3.64
LNG						
Japan	4.43	4.42	4.07	4.33	4.29	4.27
Mexico	5.82	5.82	5.82	5.82	5.82	5.82
Total LNG Exports	4.44	4.43	4.08	4.34	4.30	4.28
Total Exports	6.44	5.62	3.41	4.30	4.21	3.72
Net Imports - Volume	250,126	299,384	3,499,230	315,908	275,955	301,318

^a EIA is reducing the reported volume of gas imported by pipeline from Canada by the amount of natural gas liquids removed from the saturated natural gas carried by Alliance Pipeline. Alliance moves saturated natural gas from the border to a processing plant in Illinois. After the adjustment, volumes of imported natural gas on this pipeline are on the same physical basis as other reported volumes of pipeline imports.

^R Revised Data.

^E Estimated Data.

^{RE} Revised Estimated Data.

^{NA} Not Available.

— Not Applicable.

Sources: Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports," and EIA estimates of dry natural gas imports. Estimated pipeline data are taken from data from the National Energy Board of Canada plus EIA estimates. LNG data: Industry reports.

Table 6. Summary of U.S. Natural Gas Imports and Exports, 1998-2002

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet)

	1998	1999	2000	2001	2002
Imports					
Volume (million cubic feet)					
Pipeline					
Canada	3,052,073	3,367,545	3,543,966	^a 3,728,537	3,784,978
Mexico	14,532	54,530	11,601	10,276	1,755
Total Pipeline Imports	3,066,605	3,422,075	3,555,567	3,738,814	3,786,733
LNG					
Algeria	68,567	75,763	46,947	64,945	26,584
Australia	11,634	11,904	5,945	2,394	0
Brunei	0	0	0	0	2,401
Indonesia	0	0	2,760	0	0
Malaysia	0	2,576	0	0	2,423
Nigeria	0	0	12,654	37,966	8,123
Oman	0	0	9,998	12,055	3,013
Qatar	0	19,697	46,057	22,758	35,081
Trinidad/Tobago	0	50,777	98,949	98,009	151,104
United Arab Emirates	5,252	2,713	2,725	0	0
Total LNG Imports	85,453	163,430	226,036	238,126	228,730
Total Imports	3,152,058	3,585,505	3,781,603	3,976,939	4,015,463
Average Price (dollars per thousand cubic feet)					
Pipeline					
Canada	1.95	2.23	3.97	4.43	3.13
Mexico	2.03	2.14	5.43	5.00	2.36
Total Pipeline Imports	1.95	2.23	3.98	4.44	3.13
LNG					
Algeria	2.51	2.41	3.48	3.73	3.61
Australia	3.30	2.70	3.25	3.86	-
Brunei	-	-	-	-	3.25
Indonesia	-	-	3.99	-	-
Malaysia	-	2.36	-	-	3.43
Nigeria	-	-	4.37	5.56	3.21
Oman	-	-	3.36	5.56	3.34
Qatar	-	2.71	3.44	4.37	3.39
Trinidad/Tobago	-	2.39	3.43	4.14	3.40
United Arab Emirates	2.63	3.03	3.53	-	-
Total LNG Imports	2.63	2.47	3.50	4.35	3.41
Total Imports	1.97	2.24	3.95	4.43	3.15
Exports					
Volume (million cubic feet)					
Pipeline					
Canada	39,891	38,508	72,586	166,690	189,313
Mexico	53,133	61,025	105,102	140,370	263,078
Total Pipeline Exports	93,023	99,533	177,688	307,060	452,391
LNG					
Japan	65,951	63,607	65,610	65,753	63,439
Mexico	33	275	418	465	403
Total LNG Exports	65,984	63,882	66,028	66,218	63,842
Total Exports	159,007	163,415	243,716	373,278	516,233
Average Price dollars per thousand cubic feet)					
Pipeline					
Canada	2.25	2.35	3.66	3.97	3.35
Mexico	2.04	2.27	4.26	4.34	3.30
Total Pipeline Exports	2.13	2.30	4.01	4.14	3.32
LNG					
Japan	2.91	3.08	4.31	4.39	4.07
Mexico	5.69	6.95	5.82	5.82	5.82
Total LNG Exports	2.91	3.10	4.31	4.40	4.08
Total Exports	2.45	2.61	4.10	4.19	3.41
Net Imports - Volume	2,993,051	3,422,090	3,537,887	3,603,661	3,499,230

^a Beginning with data for January 2001, EIA is reducing the reported volume of gas imported by pipeline from Canada by the amount of natural gas liquids removed from the saturated natural gas carried by Alliance Pipeline. Alliance moves saturated natural gas from the border to a processing plant in Illinois. After the adjustment, volumes of imported natural gas on this pipeline are on

the same physical basis as other reported volumes of pipeline imports.

— Not Applicable.

Sources: Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports," and EIA estimates of dry natural gas imports. LNG data: Industry reports.

Table 7. Marketed Production of Natural Gas, by State and Federal Gulf of Mexico, 1999-2004

(Million Cubic Feet)

Year and Month	Alabama	Alaska	Arizona	California	Colorado	Florida	Kansas
1999 Total	381,701	462,967	474	382,715	722,738	5,933	553,419
2000 Total	363,467	458,995	368	376,580	752,985	6,491	525,729
2001 Total	356,810	471,440	307	377,824	817,206	5,710	480,145
2002							
January	29,824	42,581	26	30,406	74,313	283	39,756
February	27,219	38,689	23	26,460	67,101	284	35,447
March	29,303	43,240	26	29,035	75,614	328	39,467
April	28,624	37,260	23	27,670	71,202	306	38,367
May	28,908	33,128	23	29,771	71,555	297	39,455
June	28,600	36,367	24	29,129	68,970	241	38,787
July	29,707	35,925	29	31,437	70,861	284	39,030
August	31,095	36,326	28	31,498	71,988	281	38,810
September	30,166	37,770	28	30,881	64,981	289	36,242
October	31,594	39,890	25	32,190	72,442	248	37,093
November	30,465	39,339	23	30,925	64,602	244	35,767
December	30,556	42,787	23	30,804	67,893	269	36,679
Total	356,061	463,301	301	360,205	841,521	3,353	454,901
2003							
January	30,763	42,229	22	29,894	83,130	236	36,158
February	28,063	38,442	21	27,119	75,511	^E 200	32,308
March	31,401	52,604	21	29,442	82,932	^E 234	35,429
April	29,782	39,481	21	^E 28,574	78,817	^E 210	34,533
May	29,933	36,457	24	29,536	81,900	210	38,050
June	29,136	36,077	23	28,445	78,820	280	33,991
July	29,643	35,809	24	29,568	78,272	275	35,848
August	30,317	35,327	22	28,101	77,726	236	36,294
September	28,868	36,478	21	27,467	80,855	272	34,554
October	29,525	40,135	21	27,391	79,555	294	34,781
November	28,276	40,580	20	26,745	80,731	^E 266	33,706
December	^R 28,387	42,616	22	27,491	77,478	288	34,262
Total	^R354,096	476,236	262	^E339,773	955,727	^E3,000	419,913
2004							
January	^E 24,871	43,810	^R 46	27,837	80,560	284	34,154
February	^E 22,490	39,611	45	25,625	69,962	^E 191	31,125
2004 YTD	^E47,361	83,421	91	53,462	150,522	^E475	65,279
2003 YTD	58,827	80,670	43	57,013	158,641	^E436	68,467
2002 YTD	57,043	81,269	50	56,866	141,413	566	75,203

See footnotes at end of table.

Table 7. Marketed Production of Natural Gas, by State and Federal Gulf of Mexico, 1999-2004
(Million Cubic Feet) — Continued

Year and Month	Louisiana	Michigan	Mississippi	Montana	New Mexico	North Dakota	Oklahoma
1999 Total	1,566,916	277,364	111,021	61,163	1,511,671	52,862	1,594,002
2000 Total	1,455,014	296,556	88,558	69,936	1,695,295	52,426	1,612,890
2001 Total	1,502,086	275,036	107,541	81,397	1,689,125	54,732	1,615,384
2002							
January	117,669	34,721	9,510	7,390	141,440	4,760	135,000
February	108,552	13,117	8,855	6,749	128,689	4,282	118,023
March	117,930	31,181	9,016	7,406	141,104	4,712	131,581
April	114,112	17,397	8,706	6,913	133,596	4,621	130,803
May	119,354	29,161	9,321	7,157	139,328	4,907	132,939
June	117,417	17,542	9,065	6,614	130,375	4,627	123,978
July	118,644	34,609	9,067	7,251	137,861	4,768	131,546
August	115,392	13,770	9,443	7,171	136,832	4,874	131,156
September	107,291	18,666	10,110	7,037	133,572	5,270	127,487
October	102,774	29,863	10,172	7,429	139,159	4,865	134,834
November	110,156	15,889	9,464	7,070	133,847	4,629	127,526
December	112,458	18,560	10,250	7,888	136,276	4,733	126,397
Total	1,361,751	274,476	112,980	86,075	1,632,080	57,048	1,551,272
2003							
January	^E 113,923	30,488	10,990	6,902	129,805	4,607	^E 141,591
February	^E 106,400	15,229	9,530	6,546	118,977	4,132	^E 128,156
March	^E 118,513	22,663	10,566	7,116	133,383	4,557	^E 140,777
April	^E 116,731	15,026	10,924	6,817	126,853	4,311	^E 134,043
May	^E 119,816	22,584	11,317	6,767	130,740	4,470	^E 140,654
June	^E 111,791	17,416	11,065	6,788	124,507	4,595	^E 136,475
July	^E 115,349	21,166	11,099	6,971	130,915	4,714	^E 143,336
August	^E 118,792	18,469	11,643	6,597	128,559	4,739	^E 143,367
September	^E 112,109	28,238	11,746	6,987	129,390	4,781	^E 137,758
October	^E 112,441	19,122	12,271	7,362	132,421	4,804	^E 142,165
November	^E 111,678	9,571	11,435	^E 7,317	128,554	4,868	^E 137,698
December	^E 114,684	18,542	13,458	^E 8,171	131,138	4,983	^E 142,843
Total	^E 1,372,227	238,513	136,043	^E 84,344	1,545,243	55,561	^E 1,668,863
2004							
January	^E 114,433	24,888	12,308	^E 7,960	^E 128,929	5,072	^E 144,322
February	^E 106,498	10,202	12,149	^E 7,361	^E 117,809	5,238	^E 135,444
2004 YTD	^E 220,931	35,090	24,456	^E 15,321	^E 246,737	10,310	^E 279,766
2003 YTD	^E 220,323	45,717	20,519	13,449	248,782	8,739	^E 269,747
2002 YTD	226,222	47,838	18,366	14,139	270,129	9,042	253,024

See footnotes at end of table.

Table 7. Marketed Production of Natural Gas, by State and Federal Gulf of Mexico, 1999-2004
(Million Cubic Feet) — Continued

Year and Month	Oregon	Texas	Utah	Wyoming	Other ^a States	Federal Gulf of Mexico	U.S. Total
1999 Total	1,291	5,054,486	262,614	971,230	800,579	5,029,704	19,804,848
2000 Total	1,214	5,282,104	269,285	1,088,328	866,902	4,934,387	20,197,511
2001 Total	1,110	5,282,723	283,913	1,363,879	776,303	5,027,623	20,570,295
2002							
January	75	438,365	23,711	119,588	69,088	386,488	1,704,995
February	69	395,589	21,659	110,642	65,072	351,663	1,528,184
March	71	437,880	23,756	118,889	71,191	393,909	1,705,641
April	74	424,705	22,507	117,690	66,003	401,856	1,652,435
May	73	437,461	23,348	123,154	66,851	417,287	1,713,477
June	73	424,759	22,313	117,021	68,153	404,334	1,648,390
July	71	438,307	22,564	122,163	65,435	420,912	1,720,471
August	68	434,699	23,058	110,766	67,880	423,333	1,688,469
September	63	418,082	21,574	118,447	65,604	354,217	1,587,778
October	70	437,424	23,330	129,180	70,392	332,977	1,635,953
November	65	420,265	23,074	130,736	70,060	387,666	1,641,812
December	64	433,539	23,845	135,681	75,773	398,713	1,693,187
Total	837	5,141,075	274,739	1,453,957	821,503	4,673,355	19,920,790
2003							
January	70	^E 447,039	23,759	132,547	^E 71,375	^E 385,124	^E 1,720,652
February	64	^E 405,902	21,511	118,544	^E 67,669	^E 353,487	^E 1,557,812
March	^E 70	^E 448,607	23,993	130,518	^E 73,575	^E 396,999	^E 1,743,400
April	66	^E 425,355	22,719	123,604	^E 69,024	^E 386,800	^E 1,653,690
May	68	^E 448,495	^E 23,450	116,924	^E 67,756	^E 392,155	^E 1,701,305
June	61	^E 433,918	22,139	120,000	^E 70,961	^E 370,049	^E 1,636,538
July	61	^E 451,986	21,673	122,714	^E 67,236	^E 380,073	^E 1,686,733
August	62	^E 451,930	22,253	122,837	^E 70,298	^E 376,874	^E 1,684,444
September	54	^E 435,111	21,729	124,132	^E 68,911	^E 357,357	^E 1,646,818
October	49	^E 446,319	22,621	131,349	^E 73,530	^E 370,262	^E 1,686,417
November	50	^E 432,782	21,865	127,995	^E 71,406	^E 346,876	^E 1,622,420
December	56	^E 450,460	22,889	134,288	^E 77,639	^E 360,009	^{RE} 1,689,704
Total	^E731	^E5,277,904	^E270,600	1,505,452	^E849,381	^E4,476,065	^{RE}20,029,934
2004							
January	^E 63	^E 453,985	^R 21,237	132,523	^E 71,291	^E 368,343	^{RE} 1,696,915
February	^E 59	^E 425,427	^E 19,373	124,775	^E 67,687	^E 351,387	^E 1,572,459
2004 YTD	^E122	^E879,412	^E40,610	257,299	^E138,978	^E719,730	^E3,269,374
2003 YTD	134	^E852,941	45,270	251,091	^E139,045	^E738,611	^E3,278,464
2002 YTD	144	833,954	45,370	230,230	134,161	738,151	3,233,178

^a Includes Arkansas, Illinois, Indiana, Kentucky, Maryland, Missouri, Nebraska, Nevada, New York, Ohio, Pennsylvania, South Dakota, Tennessee, Virginia, and West Virginia. The 2003 monthly values for these States are estimated.

^R Revised Data.

^E Estimated Data.

^{RE} Revised Estimated Data.

Notes: Data for 1998 through 2002 are final. All other data are preliminary

unless otherwise indicated. Totals may not equal sum of components because of independent rounding. See Appendix A, Explanatory Notes 1 and 2 for discussion of computation procedures and revision policy.

Sources: 1998-2002: Energy Information Administration (EIA), *Natural Gas Annual 2002* and Minerals Management Service reports. January 2003 through current month: Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," Minerals Management Service reports, and EIA computations.

Table 8. Gross Withdrawals and Marketed Production of Natural Gas, by State and Federal Gulf of Mexico, February 2004
(Million Cubic Feet)

State	Gross Withdrawals			Repressuring	Nonhydrocarbon Gases Removed ^a	Vented and Flared	Marketed Production
	From Gas Wells	From Oil Wells	Total				
Alabama	£23,824	£343	£24,167	£216	£1,353	£108	£22,490
Alaska	17,261	294,656	311,917	271,765	0	542	39,611
Arizona	45	0	45	0	0	0	45
California	6,496	21,070	27,566	1,554	260	127	25,625
Colorado	60,852	9,906	70,758	708	0	89	69,962
Florida	0	£216	216	0	£25	0	£191
Kansas	31,210	0	31,210	53	0	31	31,125
Louisiana	£91,331	£16,814	£108,145	£909	£0	£738	£106,498
Michigan	8,304	2,076	10,379	73	0	£104	10,202
Mississippi	14,085	351	14,436	506	1,461	321	12,149
Montana	£6,642	£756	£7,398	£0	0	£36	£7,361
New Mexico	£102,219	£16,489	£118,708	£770	0	£130	£117,809
North Dakota	1,161	4,244	5,405	0	11	156	5,238
Oklahoma	£122,445	£12,999	£135,444	£0	£0	£0	£135,444
Oregon	£59	0	£59	0	0	0	£59
Texas	£381,537	£92,321	£473,858	£35,692	£10,767	£1,971	£425,427
Utah	£19,034	£2,313	£21,347	£1,026	£904	£44	£19,373
Wyoming	135,837	15,520	151,356	9,323	16,123	1,135	124,775
Other States	£65,844	£2,441	£68,286	0	£474	£125	£67,687
Federal Gulf of Mexico	£285,291	£68,779	£354,071	£1,172	0	£1,511	£351,387
Total	£1,373,476	£561,295	£1,934,771	£323,768	£31,377	£7,167	£1,572,459

^a See Appendix A, Explanatory Note 2, for a discussion of data on Nonhydrocarbon Gases Removed.

[£] Estimated Data.

Notes: All monthly data are considered preliminary until publication of the *Natural Gas Annual* for that year. Totals may not equal sum of components

because of independent rounding. See Appendix A, Explanatory Notes 1 and 2 for discussion of computation procedures and revision policy.

Source: Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" and EIA estimates.

Table 9. Underground Natural Gas Storage - All Operators, 1999-2004

(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Underground Storage at End of Period			Change In Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total ^b	Volume	Percent	Injections	Withdrawals	Net Withdrawals ^c
1999 Total^a	—	—	—	—	—	2,598	2,772	174
2000 Total^a	—	—	—	—	—	2,684	3,498	814
2001 Total^a	—	—	—	—	—	3,464	2,309	-1,156
2002								
January	4,313	2,344	6,657	1,078	85.2	59	606	546
February	4,356	1,838	6,194	925	101.4	55	520	464
March	4,355	1,518	5,873	776	104.7	108	428	320
April	4,355	1,659	6,014	666	67.1	238	112	-126
May	4,361	1,968	6,329	528	36.7	381	60	-322
June	4,355	2,308	6,663	426	22.6	397	56	-341
July	4,358	2,539	6,896	278	12.3	343	101	-242
August	4,357	2,773	7,130	198	7.7	325	90	-236
September	4,342	3,042	7,384	97	3.3	340	71	-269
October	4,342	3,116	7,458	-28	-0.9	232	145	-87
November	4,344	2,929	7,273	-325	-10.0	124	322	198
December	4,340	2,375	6,715	-528	-18.2	66	627	560
Total	—	—	—	—	—	2,670	3,138	468
2003								
January	4,342	1,534	5,876	-810	-34.5	44	886	841
February	4,334	864	5,198	-974	-53.0	48	723	676
March	4,324	730	5,054	-788	-51.9	169	305	136
April	4,315	896	5,211	-763	-46.0	277	118	-158
May	4,322	1,300	5,622	-668	-33.9	453	41	-412
June	4,323	1,768	6,091	-540	-23.4	506	36	-470
July	4,323	2,129	6,451	-410	-16.1	426	64	-361
August	4,324	2,435	6,760	-338	-12.2	371	62	-309
September	4,328	2,843	7,171	-199	-6.5	441	31	-411
October	4,327	3,130	7,457	14	0.5	343	59	-284
November	4,305	3,038	7,343	110	3.7	142	228	86
December	4,305	2,565	6,869	189	8.0	70	543	473
Total	—	—	—	—	—	3,288	3,095	-193
2004								
January	4,301	1,751	6,052	217	14.1	59	869	811
February	4,297	1,156	5,452	292	33.8	47	646	600
March	4,283	1,058	5,342	328	45.0	165	269	103
April	4,283	1,252	5,535	357	39.8	293	95	-198

^a Total as of December 31.^b Total underground storage capacity at the end of each calendar year (in billion cubic feet): 1999 - 8,229; 2000 - 8,241; 2001 - 8,415; and 2002 - 8,207.^c Negative numbers indicate the volume of injections in excess of withdrawals. Positive numbers indicate the volume of withdrawals in excess of injections.

— Not Applicable.

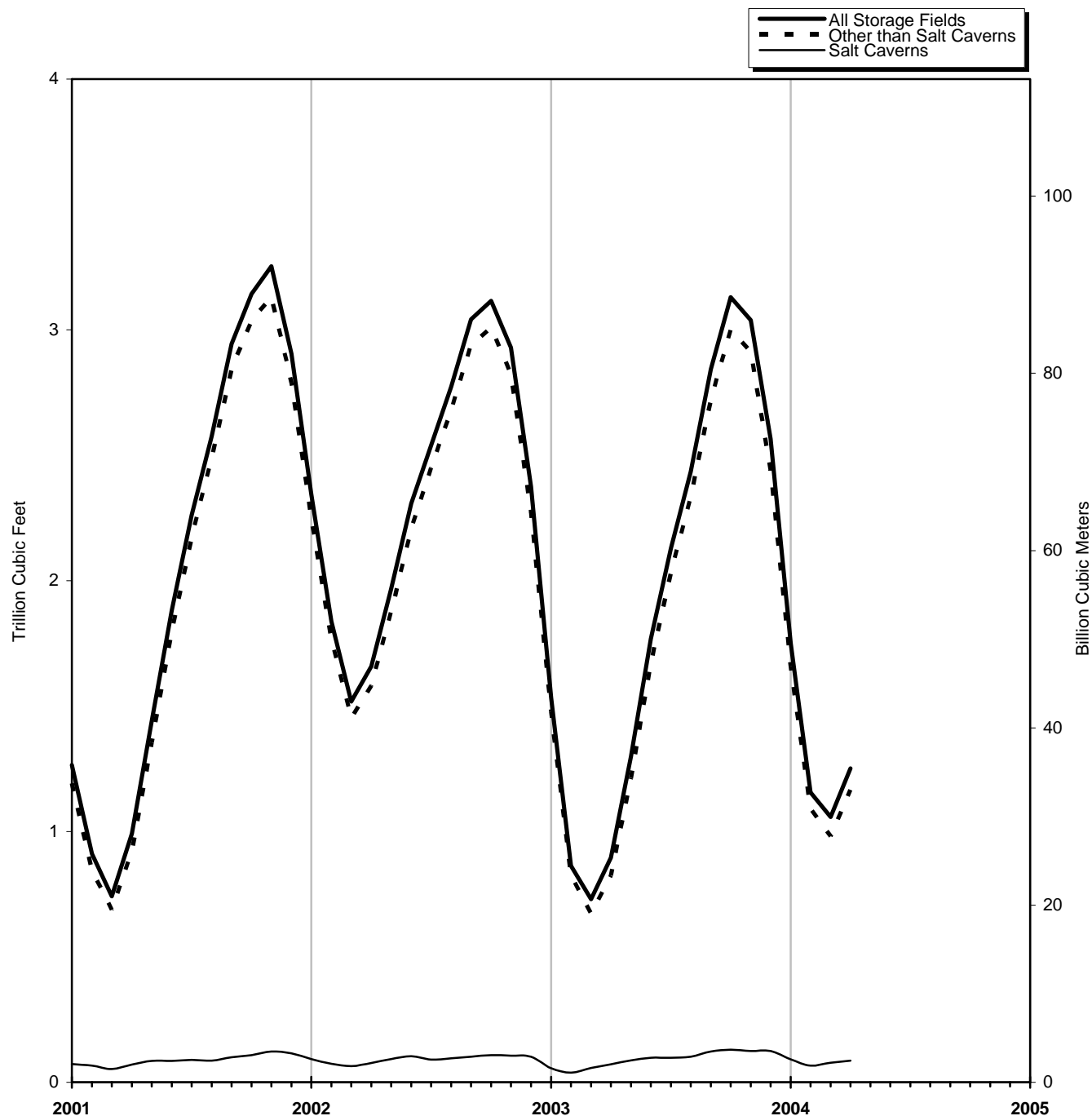
Notes: Data for 1999 through 2002 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 6 for discussion

of revision policy. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia.

Sources: Form EIA-191, "Monthly Underground Gas Storage Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Figure 5

Figure 5. Working Gas in Underground Natural Gas Storage in the U.S., 2001-2004



Sources: Tables 10, 11 and 12.

Table 10. Underground Natural Gas Storage - by Season, 2001-2004
(Volumes in Billion Cubic Feet)

Year, Season and Month	Natural Gas in Underground Storage at End of Period			Change In Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals	Net Withdrawals ^a
October 2001	4,310	3,144	7,454	412	15.1	282	93	-190
2001-2002 Heating Season								
November	4,301	3,254	7,555	812	33.2	210	138	-73
December	4,301	2,904	7,204	1,185	68.9	80	432	352
January	4,313	2,344	6,657	1,078	85.2	59	606	546
February	4,356	1,838	6,194	925	101.4	55	520	464
March	4,355	1,518	5,873	776	104.7	108	428	320
Total	—	—	—	—	—	513	2,123	1,610
2002 Refill Season								
April	4,355	1,659	6,014	666	67.1	238	112	-126
May	4,361	1,968	6,329	528	36.7	381	60	-322
June	4,355	2,308	6,663	426	22.6	397	56	-341
July	4,358	2,539	6,896	278	12.3	343	101	-242
August	4,357	2,773	7,130	198	7.7	325	90	-236
September	4,342	3,042	7,384	97	3.3	340	71	-269
October	4,342	3,116	7,458	-28	-0.9	232	145	-87
Total	—	—	—	—	—	2,257	635	-1,621
2002-2003 Heating Season								
November	4,344	2,929	7,273	-325	-10.0	124	322	198
December	4,340	2,375	6,715	-528	-18.2	66	627	560
January	4,342	1,534	5,876	-810	-34.5	44	886	841
February	4,334	864	5,198	-974	-53.0	48	723	676
March	4,324	730	5,054	-788	-51.9	169	305	136
Total	—	—	—	—	—	451	2,862	2,411
2003 Refill Season								
April	4,315	896	5,211	-763	-46.0	277	118	-158
May	4,322	1,300	5,622	-668	-33.9	453	41	-412
June	4,323	1,768	6,091	-540	-23.4	506	36	-470
July	4,323	2,129	6,451	-410	-16.1	426	64	-361
August	4,324	2,435	6,760	-338	-12.2	371	62	-309
September	4,328	2,843	7,171	-199	-6.5	441	31	-411
October	4,327	3,130	7,457	14	0.5	343	59	-284
Total	—	—	—	—	—	2,816	411	-2,405
2003-2004 Heating Season								
November	4,305	3,038	7,343	110	3.7	142	228	86
December	4,305	2,565	6,869	189	8.0	70	543	473
January	4,301	1,751	6,052	217	14.1	59	869	811
February	4,297	1,156	5,452	292	33.8	47	646	600
March	4,283	1,058	5,342	328	45.0	165	269	103
Total	—	—	—	—	—	482	2,556	2,074
2004 Refill Season								
April	4,283	1,252	5,535	357	39.8	293	95	-198

^a Negative numbers indicate the volume of injections in excess of withdrawals. Positive numbers indicate the volume of withdrawals in excess of injections.

— Not Applicable.

Notes: Data through 2002 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 6 for discussion of revision policy. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period

to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia.

Sources: Form EIA-191, "Monthly Underground Gas Storage Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Table 11. Underground Natural Gas Storage - Salt Cavern Storage Fields, 1999-2004
(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Salt Cavern Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals	Net Withdrawals
1999 Total^a	—	—	—	—	—	260	259	-1
2000 Total^a	—	—	—	—	—	296	320	24
2001 Total^a	—	—	—	—	—	341	294	-47
2002								
January	77	93	170	19	26.2	24	46	22
February	77	74	151	7	10.9	20	38	18
March	77	65	142	12	22.3	27	37	9
April	77	77	154	6	8.1	29	17	-12
May	77	93	171	8	9.7	35	20	-15
June	77	104	181	19	22.2	32	21	-10
July	80	91	171	2	2.7	29	36	7
August	80	96	176	10	11.3	32	27	-5
September	81	102	184	2	2.2	34	27	-7
October	82	108	190	0	0.1	38	31	-7
November	75	106	181	-18	-14.3	29	28	0
December	75	102	177	-13	-10.9	30	35	4
Total	—	—	—	—	—	358	363	5
2003								
January	76	56	133	-36	-39.1	21	65	43
February	76	38	114	-37	-49.3	25	42	18
March	75	57	132	-8	-11.7	39	21	-18
April	75	72	147	-5	-6.1	34	19	-14
May	75	87	162	-6	-6.7	35	20	-15
June	75	98	172	-6	-5.7	31	20	-11
July	75	98	173	7	7.7	31	30	-1
August	75	102	177	7	6.8	27	24	-3
September	75	123	198	20	19.7	34	12	-21
October	75	130	205	22	20.1	29	21	-7
November	76	125	201	19	18.4	25	28	4
December	76	125	201	23	22.5	28	27	0
Total	—	—	—	—	—	357	330	-27
2004								
January	76	92	168	36	63.7	25	58	33
February	76	67	143	29	77.8	26	51	25
March	75	78	153	20	35.2	32	21	-11
April	75	86	161	14	19.3	29	19	-10

^a Total as of December 31.

— Not Applicable.

Notes: Data for 1999 through 2002 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 6 for discussion of the reporting of underground storage information. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due

to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia. Positive net withdrawals indicate the volume of withdrawals in excess of injections. Negative net withdrawals indicate the volume of injections in excess of withdrawals.

Sources: Form EIA-191, "Monthly Underground Gas Storage Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Table 12. Underground Natural Gas Storage - Storage Fields Other than Salt Caverns, 1999-2004
(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Non-Salt Cavern Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals	Net Withdrawals
1999 Total^a	—	—	—	—	—	2,338	2,512	175
2000 Total^a	—	—	—	—	—	2,388	3,178	790
2001 Total^a	—	—	—	—	—	3,123	2,015	-1,108
2002								
January	4,236	2,251	6,487	1,059	88.8	36	561	525
February	4,279	1,764	6,043	918	108.6	36	481	446
March	4,278	1,453	5,731	764	111.0	80	391	311
April	4,278	1,582	5,860	661	71.7	209	96	-114
May	4,284	1,875	6,159	520	38.4	346	40	-307
June	4,278	2,205	6,483	407	22.6	366	35	-331
July	4,278	2,448	6,725	275	12.7	314	65	-249
August	4,277	2,678	6,954	188	7.5	293	62	-231
September	4,261	2,939	7,201	95	3.3	306	44	-262
October	4,260	3,008	7,268	-28	-0.9	194	114	-80
November	4,269	2,823	7,092	-308	-9.8	95	294	198
December	4,265	2,273	6,539	-516	-18.5	36	592	556
Total	—	—	—	—	—	2,313	2,775	463
2003								
January	4,265	1,478	5,743	-773	-34.3	23	821	798
February	4,258	826	5,084	-938	-53.2	23	681	658
March	4,249	673	4,922	-780	-53.7	130	284	154
April	4,240	824	5,064	-758	-47.9	243	99	-144
May	4,247	1,213	5,461	-662	-35.3	418	21	-397
June	4,248	1,671	5,919	-534	-24.2	474	15	-459
July	4,248	2,031	6,279	-417	-17.0	395	35	-360
August	4,250	2,333	6,583	-345	-12.9	343	37	-306
September	4,253	2,720	6,973	-219	-7.4	408	19	-389
October	4,252	3,000	7,252	-8	-0.2	315	38	-277
November	4,228	2,913	7,142	90	3.2	117	200	83
December	4,229	2,440	6,668	166	7.3	42	516	474
Total	—	—	—	—	—	2,931	2,765	-166
2004								
January	4,225	1,659	5,883	181	12.2	34	812	778
February	4,221	1,089	5,310	263	31.8	21	595	574
March	4,208	981	5,189	308	45.8	134	248	114
April	4,207	1,167	5,374	343	41.6	264	76	-188

^a Total as of December 31.

— Not Applicable.

Notes: Data for 1999 through 2002 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 6 for discussion of the reporting of underground storage information. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due

to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia. Positive net withdrawals indicate the volume of withdrawals in excess of injections. Negative net withdrawals indicate the volume of injections in excess of withdrawals.

Sources: Form EIA-191, "Monthly Underground Gas Storage Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Table 13. Net Withdrawals from Underground Storage, by State, 2002-2004
(Volumes in Million Cubic Feet)

State	2004				2003		
	April	March	February	January	Total	December	November
Alabama	-477	-229	1,180	2,417	-4,165	323	20
Arkansas	-136	455	1,331	1,912	-1	1,212	97
California	-26,462	-7,223	42,943	53,688	-712	35,860	4,514
Colorado	8,621	395	4,712	3,491	-762	1,931	1,823
Illinois	-750	26,768	44,777	67,571	-7,505	43,473	14,742
Indiana	-698	2,637	4,296	6,897	224	4,066	-1,204
Iowa	333	7,423	15,287	21,055	-1,774	16,451	2,186
Kansas	-3,901	1,473	17,994	23,978	-9,707	14,208	7,406
Kentucky	-3,128	1,245	12,941	18,860	-2,547	10,377	3,338
Louisiana	-12,252	-5,125	56,412	50,936	-21,853	34,617	4,456
Maryland	-337	523	2,661	5,535	-224	286	421
Michigan	-37,847	44,248	99,628	153,143	-44,804	79,961	14,611
Minnesota	215	484	88	612	523	612	-135
Mississippi	-4,293	-5,067	5,650	12,798	-702	10,058	4,736
Missouri	28	1,108	29	982	295	-26	-160
Montana	53	2,746	4,817	5,639	8,564	3,485	2,704
Nebraska	-472	277	1,317	797	2,853	652	1,113
New Mexico	1,267	14	1,276	1,084	2,108	1,750	1,082
New York	-4,618	6,405	14,634	23,686	-6,368	13,298	1,217
Ohio	-8,139	20,210	37,598	53,518	-2,986	39,469	13,417
Oklahoma	-19,278	-100	31,718	34,428	-18,492	17,152	-21
Oregon	1,477	941	1,501	2,680	786	902	956
Pennsylvania	-24,471	20,744	71,541	117,685	-41,630	51,474	3,942
Tennessee	-32	12	51	103	38	51	0
Texas	-39,244	-25,180	71,692	66,335	-31,161	33,604	-10,501
Utah	-486	-714	10,077	12,729	4,653	10,044	5,607
Virginia	-121	311	366	975	-757	545	213
Washington	-3,032	-1,019	5,119	2,817	-1,736	499	167
West Virginia	-17,117	8,687	33,624	58,367	-20,831	42,297	7,466
Wyoming	-2,598	995	4,271	5,898	6,155	4,788	2,279
AGA Regions							
Producing	-78,313	-33,758	187,253	193,887	-83,973	112,925	7,274
Eastern Consuming	-97,369	140,597	338,749	529,175	-126,017	302,375	61,302
Western Consuming	-22,211	-3,396	73,528	87,553	17,469	58,122	17,915
Total	-197,893	103,444	599,531	810,616	-192,521	473,421	86,491

See footnotes at end of table.

Table 13. Net Withdrawals from Underground Storage, by State, 2002-2004

(Volumes in Million Cubic Feet) — Continued

State	2003						
	October	September	August	July	June	May	April
Alabama	-728	-1,240	-144	-779	-742	-990	-797
Arkansas	-679	-907	-977	-752	-741	-632	-209
California	-20,167	-21,318	-9,889	-12,996	-30,296	-27,859	-13,402
Colorado	-3,062	-4,206	-6,122	-3,424	-4,683	638	773
Illinois	-32,129	-33,079	-28,871	-32,362	-32,673	-29,399	-8,980
Indiana	-3,346	-3,822	-2,907	-2,862	-3,017	-1,609	158
Iowa	-13,224	-14,850	-12,884	-10,709	-5,103	-3,694	-80
Kansas	-7,672	-15,287	-9,840	-9,728	-18,311	-11,018	-521
Kentucky	-7,149	-8,643	-7,289	-9,214	-13,017	-9,916	-2,675
Louisiana	-30,130	-41,817	-20,684	-23,420	-33,846	-28,994	-11,766
Maryland	-1,815	-160	-110	-1,363	-2,816	-2,534	-750
Michigan	-52,328	-74,175	-73,438	-92,383	-84,460	-71,124	-20,439
Minnesota	-176	-239	-259	-331	-309	0	0
Mississippi	-94	-3,571	-944	-7,197	-8,962	-8,651	-1,746
Missouri	18	-477	25	23	27	-1,524	445
Montana	-1,585	-1,551	-1,983	-2,317	-1,720	-1,041	-179
Nebraska	-814	-1,291	651	1,146	-1,004	-537	-248
New Mexico	-1,726	-30	-619	346	-605	45	-471
New York	-7,556	-9,733	-9,714	-11,871	-13,110	-9,786	-4,999
Ohio	-14,886	-25,377	-26,603	-31,747	-31,526	-31,723	-9,789
Oklahoma	-12,579	-28,604	-10,965	-11,064	-24,846	-23,041	-9,198
Oregon	-259	-1,220	-2,140	-2,348	-3,529	-113	1,174
Pennsylvania	-27,002	-51,734	-37,772	-39,413	-61,273	-69,939	-15,724
Tennessee	-46	-2	-95	-75	0	-35	0
Texas	-29,757	-33,418	-14,729	-20,073	-45,027	-34,335	-32,473
Utah	-3,807	-4,182	-2,011	-1,037	-4,308	-4,476	-7,759
Virginia	-129	-615	-823	-412	-475	-447	-268
Washington	1,266	-1,935	-2,957	-1,140	-2,415	-4,927	-412
West Virginia	-9,676	-24,067	-22,726	-32,032	-38,730	-32,162	-16,008
Wyoming	-2,733	-3,016	-2,016	-1,955	-2,139	-2,151	-2,118
AGA Regions							
Producing	-83,365	-124,874	-58,903	-72,668	-133,079	-107,616	-57,180
Eastern Consuming	-170,080	-248,025	-222,556	-263,274	-287,177	-264,428	-79,357
Western Consuming	-30,524	-37,667	-27,376	-25,547	-49,399	-39,930	-21,924
Total	-283,970	-410,566	-308,835	-361,489	-469,656	-411,974	-158,461

See footnotes at end of table.

Table 13. Net Withdrawals from Underground Storage, by State, 2002-2004

(Volumes in Million Cubic Feet) — Continued

State	2003			2002			
	March	February	January	Total	December	November	October
Alabama	-456	-420	1,789	-154	141	-397	-128
Arkansas	341	1,409	1,836	397	877	167	-17
California	12,130	49,464	33,248	17,023	44,101	-3,132	-8,108
Colorado	2,924	8,432	4,213	1,141	2,057	-219	872
Illinois	11,028	50,338	70,407	19,029	52,510	19,615	-29,718
Indiana	1,946	5,301	7,519	1,840	3,853	-46	-2,803
Iowa	4,895	13,459	21,778	4,251	18,612	-3,249	-12,503
Kansas	-4,997	20,396	25,657	15,153	14,652	10,367	2,040
Kentucky	3,213	17,123	21,305	9,445	9,269	4,887	-1,862
Louisiana	7,692	55,201	66,838	59,958	33,458	30,028	-6,298
Maryland	-124	4,003	4,738	-1,058	364	55	124
Michigan	42,692	128,637	157,642	99,889	98,551	46,792	-13,090
Minnesota	199	504	659	-98	5	-85	-198
Mississippi	-8,327	7,791	16,204	3,133	3,591	-356	2,005
Missouri	170	555	1,218	-414	-118	-272	-294
Montana	3,666	4,732	4,353	-5,933	3,487	1,926	70
Nebraska	504	1,512	1,170	984	755	57	3
New Mexico	184	1,728	424	7,815	1,956	1,366	740
New York	6,003	17,730	22,151	2,810	15,568	3,786	-4,953
Ohio	10,463	43,314	62,002	28,333	46,875	17,435	-6,995
Oklahoma	13,335	32,780	38,560	36,302	22,547	9,873	3,238
Oregon	2,426	2,367	2,570	-2,852	1,792	-1,318	-699
Pennsylvania	8,917	77,271	119,623	56,838	75,594	9,548	-4,259
Tennessee	68	110	62	131	46	86	2
Texas	5,851	72,434	77,260	73,811	51,271	31,687	-9,816
Utah	1,240	8,305	7,036	-2,118	7,270	3,374	377
Virginia	179	496	978	-32	442	248	-272
Washington	-624	7,520	3,221	-362	1,092	-1,335	1,698
West Virginia	5,161	37,668	61,978	43,298	44,193	14,615	3,608
Wyoming	4,899	5,576	4,741	-741	5,645	2,574	292
AGA Regions							
Producing	13,624	191,320	228,568	196,415	128,493	82,734	-8,235
Eastern Consuming	95,115	397,516	552,572	265,345	366,511	113,556	-73,011
Western Consuming	26,859	86,900	60,042	6,061	65,450	1,786	-5,696
Total	135,599	675,736	841,183	467,822	560,454	198,076	-86,942

See footnotes at end of table.

Table 13. Net Withdrawals from Underground Storage, by State, 2002-2004
(Volumes in Million Cubic Feet) — Continued

State	2002					
	September	August	July	June	May	April
Alabama	-64	-97	-250	2	-100	-258
Arkansas	-393	-390	-340	-463	-504	-46
California	-4,707	291	-7,074	-12,551	-20,695	-20,680
Colorado	-4,030	-6,647	-3,977	-3,314	707	-2,263
Illinois	-38,648	-36,473	-28,544	-37,540	-26,088	8,617
Indiana	-3,255	-2,706	-3,475	-2,946	-1,356	2,042
Iowa	-12,188	-12,098	-11,781	-4,696	-630	400
Kansas	-11,013	-9,239	-3,170	-11,533	-17,560	-6,641
Kentucky	-6,258	-5,636	-4,329	-7,980	-9,911	358
Louisiana	-15,789	-13,263	-6,965	-19,336	-33,401	-10,837
Maryland	33	-2,105	-2,619	-2,505	-780	403
Michigan	-49,780	-54,062	-51,650	-58,720	-39,520	-10,461
Minnesota	-300	-295	-277	0	0	123
Mississippi	120	-4,781	-2,793	-6,968	-8,174	-1,511
Missouri	-781	-1,096	18	13	10	215
Montana	-4,298	-5,201	-6,611	-3,928	-1,883	708
Nebraska	-906	-692	237	-588	-1,017	-253
New Mexico	-446	791	352	1,176	-1,561	-597
New York	-8,707	-7,293	-8,313	-11,255	-6,987	-1,756
Ohio	-22,458	-27,116	-31,089	-32,190	-25,818	-9,909
Oklahoma	-6,965	2,096	-1,094	-13,139	-25,759	-13,382
Oregon	-1,900	-3,051	-3,856	-4,579	732	2,457
Pennsylvania	-32,448	-24,723	-29,902	-49,829	-41,784	-16,579
Tennessee	3	4	15	2	7	18
Texas	-19,944	9,058	-116	-14,895	-22,455	-25,964
Utah	-3,608	-6,336	-6,807	-7,111	-7,913	-3,510
Virginia	-344	-157	-297	-330	-683	-184
Washington	-1,487	-956	-620	-2,918	-4,057	-3,810
West Virginia	-16,504	-20,179	-22,210	-29,160	-21,680	-10,523
Wyoming	-1,678	-3,479	-3,971	-3,741	-2,722	-1,962
AGA Regions						
Producing	-54,494	-15,825	-14,376	-65,157	-109,513	-59,236
Eastern Consuming	-192,240	-194,332	-193,939	-237,723	-176,236	-37,612
Western Consuming	-22,009	-25,673	-33,193	-38,144	-35,831	-28,937
Total	-268,743	-235,830	-241,508	-341,023	-321,581	-125,786

Notes: This table contains total net withdrawals for each State with natural gas storage facilities. Positive numbers indicate the volume of withdrawals in excess of injections. Negative values indicate the volume of injections in excess of withdrawals. Data through 2002 are final. All other data are preliminary at this time and are not considered final until publication of the *Natural Gas Annual* for that year. The EIA publishes weekly estimates of working gas in underground storage by geographical regions developed by the American Gas Association (AGA) when they published similar

weekly estimates. The AGA Producing Region is Texas, Oklahoma, Kansas, New Mexico, Louisiana, Arkansas, Alabama and Mississippi; the Eastern Consuming Region is all States east of the Mississippi River less Mississippi and Alabama, plus Iowa, Nebraska and Missouri; the Western Consuming Region is all States west of the Mississippi River less the Producing Region and Iowa, Nebraska and Missouri.

Source: Form EIA-191, "Monthly Underground Gas Storage Report."

**Table 14. Activities of Underground Natural Gas Storage Operators, by State,
April 2004**
(Volumes in Million Cubic Feet)

State	Total Storage Capacity	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity	
		Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals
Alabama	8,520	2,975	3,049	6,024	639	26.5	845	369
Arkansas	22,000	7,835	2,833	10,667	-160	-5.3	253	117
California	478,995	232,005	122,761	354,765	21,003	20.6	26,957	495
Colorado	101,055	47,443	16,694	64,137	166	1.0	156	8,778
Illinois	959,244	664,585	71,924	736,509	-8,590	-10.7	11,722	10,971
Indiana	111,680	78,021	13,714	91,735	1,021	8.0	1,459	762
Iowa	273,200	199,486	4,908	204,394	-2,205	-31.0	803	1,136
Kansas	293,574	176,625	37,974	214,599	11,334	42.5	8,294	4,394
Kentucky	220,211	139,578	31,407	170,986	11,661	59.1	5,865	2,737
Louisiana	592,516	269,541	120,396	389,937	46,575	63.1	23,584	11,332
Maryland	62,000	46,677	5,681	52,359	-291	-4.9	1,172	835
Michigan	1,018,517	424,219	170,252	594,472	85,084	99.9	42,716	4,869
Minnesota	7,000	4,840	758	5,598	50	7.1	0	215
Mississippi	144,787	80,375	34,889	115,263	4,805	16.0	7,736	3,443
Missouri	32,098	21,600	8,295	29,895	198	2.4	0	28
Montana	374,201	178,506	7,078	185,584	-8,068	-53.3	1,855	1,908
Nebraska	39,469	22,290	4,991	27,281	2,869	135.2	613	141
New Mexico	89,800	31,504	1,849	33,354	-5,642	-75.3	325	1,592
New York	190,157	98,925	32,099	131,024	7,247	29.2	5,996	1,378
Ohio	573,709	345,561	29,729	375,290	6,165	26.2	15,420	7,281
Oklahoma	389,947	209,022	71,323	280,345	42,337	146.1	19,681	403
Oregon	23,676	9,714	5,252	14,966	1,137	27.6	0	1,477
Pennsylvania	709,946	337,124	142,329	479,453	45,184	46.5	37,368	12,897
Tennessee	1,200	340	312	652	133	74.4	33	1
Texas	700,769	235,359	205,309	440,668	80,043	63.9	51,228	11,985
Utah	129,480	64,714	10,819	75,533	-17,529	-61.8	1,364	878
Virginia	6,344	2,782	1,024	3,806	364	55.0	347	225
Washington	39,628	20,262	13,533	33,795	6,624	95.9	3,460	428
West Virginia	492,025	266,050	68,369	334,418	26,752	64.3	20,548	3,431
Wyoming	115,069	64,878	12,904	77,782	-2,130	-14.2	3,156	558
AGA Regions								
Producing	2,241,912	1,013,236	477,622	1,490,857	179,932	60.4	111,947	33,634
Eastern Consuming	4,689,800	2,647,239	585,035	3,232,274	175,591	42.9	144,062	46,693
Western Consuming	1,269,103	622,361	189,798	812,159	1,253	0.7	36,948	14,736
Total	8,200,815	4,282,836	1,252,455	5,535,291	356,775	39.8	292,957	95,063

Notes: Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia. The EIA publishes weekly estimates of working gas in underground storage by geographical regions developed by the American Gas Association (AGA) when they published similar weekly estimates. The AGA Producing Region

is Texas, Oklahoma, Kansas, New Mexico, Louisiana, Arkansas, Alabama and Mississippi; the Eastern Consuming Region is all States east of the Mississippi River less Mississippi and Alabama, plus Iowa, Nebraska and Missouri; the Western Consuming Region is all States west of the Mississippi River less the Producing Region and Iowa, Nebraska and Missouri.

Source: Form EIA-191, "Monthly Underground Gas Storage Report."

Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2002-2004
(Million Cubic Feet)

State	YTD 2004	YTD 2003	YTD 2002	2004		
				March	February	January
Alabama	25,670	26,956	24,577	6,100	9,460	10,109
Alaska	7,261	5,966	6,104	2,061	2,049	3,151
Arizona	18,859	16,423	18,652	4,841	6,896	7,122
Arkansas	19,633	22,175	20,343	5,199	7,439	6,995
California	196,322	172,153	201,612	48,292	68,192	79,839
Colorado	51,286	52,931	58,710	11,393	19,511	20,382
Connecticut	22,519	22,695	17,441	5,819	8,183	8,517
Delaware	5,583	5,750	4,573	1,319	1,945	2,319
District of Columbia	7,396	7,806	6,043	1,537	2,376	3,484
Florida	7,167	7,475	6,323	2,008	2,516	2,644
Georgia	60,487	61,986	55,178	10,592	23,342	26,553
Hawaii	141	150	145	47	46	48
Idaho	9,974	8,276	9,705	2,478	3,497	3,999
Illinois	220,635	238,001	198,753	52,056	72,726	95,853
Indiana	76,321	82,365	70,765	17,254	25,672	33,395
Iowa	36,374	38,127	32,779	8,700	13,180	14,495
Kansas	36,157	43,670	35,105	8,707	13,892	13,557
Kentucky	30,377	33,690	27,631	6,628	10,337	13,412
Louisiana	24,433	25,722	24,142	6,073	8,500	9,860
Maine	570	570	440	157	180	234
Maryland	45,033	45,758	34,543	10,117	14,915	20,001
Massachusetts	62,563	63,686	48,254	16,548	23,150	22,865
Michigan	180,035	193,307	160,177	46,894	63,091	70,049
Minnesota	64,008	67,628	57,256	15,758	20,743	27,507
Mississippi	14,135	15,141	14,237	3,539	5,162	5,434
Missouri	60,233	63,804	56,124	15,345	23,231	21,657
Montana	9,077	9,069	9,363	2,227	2,988	3,863
Nebraska	22,602	21,864	21,559	5,801	8,101	8,699
Nevada	16,717	14,053	15,193	4,037	5,908	6,772
New Hampshire	NA	3,995	3,018	NA	NA	NA
New Jersey	118,688	123,575	91,941	29,339	42,762	46,586
New Mexico	17,272	15,713	17,828	5,047	6,138	6,087
New York	200,161	212,431	157,816	55,730	72,806	71,624
North Carolina	35,982	35,700	29,219	8,489	^R 13,492	^R 14,001
North Dakota	5,286	5,756	5,053	1,308	1,709	2,269
Ohio	166,846	180,737	145,319	41,804	58,120	66,922
Oklahoma	33,755	38,532	34,715	8,966	12,954	11,836
Oregon	18,369	16,024	17,798	4,601	6,209	7,559
Pennsylvania	130,397	139,921	106,167	33,138	^R 46,965	50,294
Rhode Island	9,909	10,140	7,702	2,617	4,047	3,245
South Carolina	17,798	17,014	14,754	4,370	6,942	6,486
South Dakota	6,157	6,429	5,707	1,437	2,214	2,506
Tennessee	37,745	43,941	36,365	8,907	14,201	14,637
Texas	96,393	113,891	106,412	19,981	38,665	37,748
Utah	26,478	22,682	27,775	4,845	9,483	12,149
Vermont	1,551	1,567	1,206	432	581	539
Virginia	44,070	44,869	33,582	9,563	14,864	19,643
Washington	34,521	29,318	32,429	7,963	10,363	16,195
West Virginia	17,137	17,653	14,242	4,438	6,544	6,154
Wisconsin	65,534	69,552	59,775	16,439	20,218	28,876
Wyoming	5,323	5,212	5,489	1,319	1,832	2,172
Total	2,424,282	2,521,850	2,190,034	593,116	^R859,410	^R971,757

See footnotes at end of table.

Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2002-2004
(Million Cubic Feet) — Continued

State	2003					
	Total	December	November	October	September	August
Alabama	47,184	6,331	2,129	1,462	1,124	1,131
Alaska	16,852	2,430	2,322	1,368	898	598
Arizona	34,832	5,488	2,087	1,359	1,023	1,070
Arkansas	37,984	4,871	2,064	1,032	795	771
California	489,293	72,602	42,728	25,313	21,719	21,793
Colorado	123,593	20,732	16,013	5,782	4,537	2,693
Connecticut	45,132	5,788	3,470	1,852	689	1,071
Delaware	10,646	1,323	750	407	192	179
District of Columbia	15,302	2,577	1,308	858	183	299
Florida	16,025	1,637	918	767	742	739
Georgia	129,702	25,273	10,351	5,709	3,634	3,457
Hawaii	543	46	42	40	42	45
Idaho	18,984	3,001	1,931	652	453	355
Illinois	473,576	69,787	44,996	25,481	11,435	9,545
Indiana	157,870	24,249	13,612	8,035	3,346	2,589
Iowa	74,119	10,916	7,114	3,058	1,563	1,398
Kansas	76,884	11,177	4,706	2,127	1,618	1,344
Kentucky	62,356	10,808	5,256	2,652	1,479	1,048
Louisiana	NA	6,786	2,079	1,797	1,614	NA
Maine	1,197	170	103	66	30	28
Maryland	90,936	14,376	7,535	4,721	1,907	1,822
Massachusetts	NA	NA	8,848	4,641	2,855	2,591
Michigan	385,218	50,448	31,926	19,944	8,068	7,051
Minnesota	137,941	20,782	15,372	6,985	3,313	2,695
Mississippi	26,539	3,628	1,214	848	676	686
Missouri	114,613	15,964	7,473	3,544	2,466	2,113
Montana	20,365	3,054	2,343	956	555	413
Nebraska	42,170	6,372	3,540	1,650	786	905
Nevada	32,848	5,374	2,816	1,272	1,075	994
New Hampshire	NA	NA	610	338	178	162
New Jersey	NA	34,596	17,786	NA	5,180	5,131
New Mexico	31,562	4,758	2,002	974	813	753
New York	427,258	51,991	29,892	17,306	9,575	9,292
North Carolina	NA	12,879	5,311	NA	1,173	1,021
North Dakota	11,878	1,708	1,522	634	317	228
Ohio	344,512	50,079	24,630	17,191	7,055	6,264
Oklahoma	67,137	9,229	3,433	1,687	1,318	1,267
Oregon	37,300	5,653	3,179	1,227	904	819
Pennsylvania	265,430	37,103	18,676	12,352	4,915	4,874
Rhode Island	20,169	2,261	1,354	665	420	468
South Carolina	29,370	4,432	1,644	737	496	494
South Dakota	13,175	1,929	1,464	590	320	226
Tennessee	73,045	11,277	4,012	2,123	1,268	1,090
Texas	206,264	29,427	13,697	7,100	5,782	5,547
Utah	54,635	9,037	6,914	2,988	1,856	1,355
Vermont	3,118	394	235	119	63	60
Virginia	85,949	14,794	6,901	4,194	1,514	1,511
Washington	^R 71,110	10,942	^R 7,581	2,903	1,838	1,546
West Virginia	32,692	5,038	2,415	1,843	690	450
Wisconsin	141,953	20,287	14,270	7,543	3,470	2,613
Wyoming	12,021	1,834	1,404	646	401	243
Total	^R5,105,080	741,673	^R413,978	230,391	128,364	116,325

See footnotes at end of table.

Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2002-2004
(Million Cubic Feet) — Continued

State	2003					
	July	June	May	April	March	February
Alabama	1,531	1,326	1,922	3,274	6,078	10,287
Alaska	435	572	935	1,328	2,046	1,705
Arizona	1,091	1,329	2,033	2,929	4,797	4,780
Arkansas	831	923	1,480	3,043	6,368	8,064
California	24,549	27,247	35,694	45,495	50,393	60,276
Colorado	2,755	3,812	5,647	8,691	14,712	20,064
Connecticut	1,169	1,669	2,588	4,140	5,900	8,437
Delaware	214	346	529	955	1,548	1,995
District of Columbia	295	351	573	1,053	1,714	2,677
Florida	755	819	978	1,195	1,601	2,830
Georgia	3,652	3,828	4,627	7,185	11,959	20,435
Hawaii	42	41	48	47	49	50
Idaho	414	634	1,406	1,862	2,480	2,765
Illinois	9,867	11,720	17,454	35,290	59,595	82,227
Indiana	2,622	4,030	6,551	10,470	18,498	28,827
Iowa	1,412	1,816	3,118	5,598	10,446	13,715
Kansas	1,456	1,696	2,790	6,301	12,408	15,145
Kentucky	1,161	1,229	1,438	3,595	6,925	12,033
Louisiana	1,652	1,473	1,947	2,774	5,727	9,818
Maine	28	31	59	113	171	188
Maryland	1,837	2,346	3,877	6,757	11,516	16,215
Massachusetts	2,906	4,515	7,736	12,993	19,307	23,161
Michigan	7,723	11,282	20,815	34,654	55,692	67,307
Minnesota	2,699	2,815	5,536	10,117	18,072	23,765
Mississippi	701	772	1,048	1,827	3,845	5,729
Missouri	2,310	3,124	4,747	9,068	17,786	23,452
Montana	441	663	1,259	1,613	2,871	2,977
Nebraska	878	1,071	1,735	3,368	6,639	7,318
Nevada	1,114	1,221	2,114	2,814	4,059	4,563
New Hampshire	171	278	499	825	1,220	1,433
New Jersey	5,624	7,239	12,194	22,293	34,235	43,657
New Mexico	834	1,008	1,633	3,074	4,594	5,062
New York	10,454	15,613	26,866	43,837	64,090	77,224
North Carolina	1,156	1,479	2,566	4,835	8,370	12,984
North Dakota	201	227	462	825	1,663	1,970
Ohio	7,879	8,454	14,812	27,411	48,832	64,044
Oklahoma	1,449	1,759	2,748	5,715	11,555	12,936
Oregon	997	1,600	3,058	3,838	4,992	5,064
Pennsylvania	5,314	7,567	12,304	22,404	38,642	49,996
Rhode Island	495	812	1,418	2,137	3,246	3,703
South Carolina	532	630	1,160	2,231	4,172	6,450
South Dakota	245	348	585	1,040	1,870	2,132
Tennessee	1,269	1,482	2,233	4,351	10,378	15,946
Texas	5,881	6,031	7,989	10,921	28,225	40,513
Utah	1,359	1,540	2,489	4,414	6,045	8,463
Vermont	65	95	188	332	483	580
Virginia	1,585	1,859	2,724	5,998	9,777	15,913
Washington	1,899	2,919	5,102	7,061	9,371	9,580
West Virginia	484	609	1,189	2,319	4,451	6,316
Wisconsin	2,687	3,318	6,290	11,923	18,058	23,621
Wyoming	255	401	699	925	1,576	1,758
Total	127,378	157,968	249,896	417,257	679,046	890,148

See footnotes at end of table.

Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2002-2004

(Million Cubic Feet) — Continued

State	2003	2002				
	January	Total	December	November	October	September
Alabama	10,591	46,290	7,635	2,878	1,220	1,126
Alaska	2,216	16,191	2,074	1,401	1,214	828
Arizona	6,846	35,226	4,393	2,104	1,262	1,071
Arkansas	7,743	39,130	5,751	3,121	1,219	796
California	61,484	510,995	65,611	36,668	31,451	23,150
Colorado	18,155	128,828	19,641	15,622	9,908	3,581
Connecticut	8,359	40,276	6,324	4,066	1,751	991
Delaware	2,206	9,550	1,568	865	275	180
District of Columbia	3,415	14,249	2,773	1,825	907	338
Florida	3,044	15,127	1,915	931	744	738
Georgia	29,592	126,667	25,357	15,644	5,372	3,625
Hawaii	51	539	48	46	36	44
Idaho	3,030	20,399	2,744	2,152	868	442
Illinois	96,180	459,242	73,514	52,304	29,016	9,953
Indiana	35,041	156,809	27,110	15,624	7,676	2,886
Iowa	13,966	71,545	11,147	7,640	3,967	1,420
Kansas	16,118	70,858	10,590	7,315	2,377	1,409
Kentucky	14,732	59,100	11,635	7,057	3,065	1,091
Louisiana	10,177	48,751	7,545	2,852	1,729	1,585
Maine	211	1,056	175	110	70	28
Maryland	18,027	80,122	15,584	9,741	5,033	2,040
Massachusetts	21,217	109,279	17,403	10,063	4,162	2,658
Michigan	70,308	368,720	56,999	38,446	18,029	7,348
Minnesota	25,792	135,213	20,438	16,032	10,215	3,336
Mississippi	5,566	26,452	4,075	1,527	773	687
Missouri	22,566	114,185	17,885	10,890	4,063	2,375
Montana	3,221	21,710	2,844	2,272	1,459	562
Nebraska	7,907	43,826	6,322	4,290	1,723	896
Nevada	5,431	31,958	4,226	2,603	1,428	1,081
New Hampshire	1,342	6,922	1,095	640	273	163
New Jersey	45,683	209,836	36,586	21,927	10,006	5,117
New Mexico	6,056	34,411	5,034	2,762	1,181	862
New York	71,117	369,614	58,038	36,764	17,278	9,332
North Carolina	14,347	58,904	10,891	6,245	2,051	1,040
North Dakota	2,122	11,725	1,692	1,287	1,046	282
Ohio	67,862	321,278	52,941	31,546	16,174	6,002
Oklahoma	14,041	67,166	9,701	5,417	1,791	1,363
Oregon	5,968	38,858	5,167	3,424	1,464	931
Pennsylvania	51,284	239,106	40,705	24,417	11,313	5,158
Rhode Island	3,191	17,545	2,546	1,580	603	417
South Carolina	6,392	27,621	5,291	2,031	609	496
South Dakota	2,427	12,897	1,698	1,491	933	285
Tennessee	17,617	69,355	12,808	5,753	1,853	1,144
Texas	45,153	209,896	32,561	17,859	8,782	5,701
Utah	8,174	59,398	8,328	6,759	4,514	2,018
Vermont	504	2,761	385	274	98	63
Virginia	19,179	75,476	15,028	9,286	4,235	1,553
Washington	10,368	73,347	9,204	6,861	3,158	1,784
West Virginia	6,886	30,761	5,301	3,353	1,554	549
Wisconsin	27,873	137,234	20,980	15,807	9,705	2,905
Wyoming	1,878	13,330	1,890	1,401	897	403
Total	952,656	4,889,732	771,195	482,972	250,529	123,835

^R Revised Data.^{NA} Not Available.

Notes: Geographic coverage is the 50 States and the District of Columbia.
See Appendix A, Explanatory Note 7 for discussion of computations and

revision policy.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2002-2004
(Million Cubic Feet)

State	YTD 2004	YTD 2003	YTD 2002	2004		
				March	February	January
Alabama	11,252	11,727	10,878	2,941	4,123	4,187
Alaska	7,187	5,653	5,209	2,068	2,077	3,042
Arizona	11,438	10,640	11,440	3,220	4,088	4,130
Arkansas	14,449	15,163	13,772	4,731	4,992	4,726
California	78,938	NA	72,917	23,956	27,669	27,313
Colorado	24,830	25,142	29,124	5,852	9,601	9,377
Connecticut	15,913	16,156	15,651	4,170	5,589	6,155
Delaware	3,794	NA	3,088	941	1,303	1,550
District of Columbia	6,970	7,021	6,744	1,815	2,310	2,845
Florida	16,979	15,728	16,474	5,447	5,622	5,911
Georgia	24,340	22,858	20,077	4,994	9,246	10,099
Hawaii	458	457	421	152	147	158
Idaho	5,912	4,922	6,436	1,483	2,071	2,358
Illinois	96,053	96,360	80,932	25,132	34,177	36,744
Indiana	40,266	42,639	34,618	9,099	15,168	16,000
Iowa	22,643	23,302	20,164	5,598	8,394	8,651
Kansas	19,412	18,863	17,581	4,825	7,289	7,298
Kentucky	17,799	19,928	15,753	4,176	6,283	7,341
Louisiana	10,064	10,234	9,818	2,966	3,562	3,535
Maine	1,977	1,919	2,034	564	628	785
Maryland	28,856	27,732	23,978	8,221	9,969	10,666
Massachusetts	27,252	30,257	24,051	7,378	10,331	9,544
Michigan	83,361	89,235	71,379	21,449	30,159	31,753
Minnesota	44,797	46,120	41,373	11,414	14,748	18,634
Mississippi	9,147	10,250	8,947	2,478	3,275	3,394
Missouri	30,355	31,662	27,781	8,071	11,519	10,765
Montana	5,725	5,857	6,271	1,449	1,875	2,401
Nebraska	12,726	13,150	12,138	3,673	4,849	4,203
Nevada	9,212	8,078	8,415	2,534	3,206	3,472
New Hampshire	NA	NA	3,416	NA	NA	NA
New Jersey	71,070	71,544	53,743	19,260	25,604	26,206
New Mexico	11,440	10,296	11,775	3,516	3,994	3,929
New York	92,689	120,968	118,463	26,250	32,886	33,553
North Carolina	20,533	19,899	16,707	5,456	7,257	7,819
North Dakota	4,685	5,316	4,923	1,183	1,475	2,027
Ohio	83,673	89,661	69,721	22,143	28,414	33,116
Oklahoma	18,936	19,619	18,809	5,468	7,150	6,318
Oregon	11,469	10,231	11,651	2,957	3,912	4,600
Pennsylvania	69,367	74,484	53,802	18,687	^R 24,304	26,376
Rhode Island	5,669	5,670	4,733	1,508	2,200	1,961
South Carolina	9,282	8,917	8,024	2,484	3,484	3,314
South Dakota	4,652	4,747	4,243	1,129	1,653	1,871
Tennessee	25,196	28,605	23,535	6,867	9,086	9,243
Texas	63,929	68,747	67,187	17,133	23,379	23,416
Utah	14,696	12,318	15,112	2,925	5,393	6,379
Vermont	1,312	1,312	1,039	355	491	466
Virginia	28,749	27,877	24,410	7,989	9,489	11,270
Washington	NA	18,008	19,199	4,654	6,233	NA
West Virginia	10,903	11,046	9,836	3,021	3,937	3,946
Wisconsin	38,711	40,773	34,680	9,783	12,411	16,517
Wyoming	4,170	3,837	4,438	1,098	1,435	1,638
Total	1,293,023	1,368,395	1,196,912	345,792	^R459,699	487,532

See footnotes at end of table.

Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2002-2004

(Million Cubic Feet) — Continued

State	2003					
	Total	December	November	October	September	August
Alabama	25,637	2,955	1,579	1,367	1,146	1,119
Alaska	NA	2,931	2,316	1,416	1,577	1,353
Arizona	31,904	3,794	2,533	2,016	1,827	1,917
Arkansas	31,750	3,245	1,981	1,532	1,361	1,325
California	NA	26,384	20,423	17,386	15,958	16,300
Colorado	62,224	9,937	7,425	3,343	2,773	1,807
Connecticut	37,842	4,705	3,132	2,109	1,379	1,437
Delaware	NA	979	626	400	298	270
District of Columbia	17,890	2,404	1,461	1,164	693	985
Florida	53,811	5,287	4,297	3,950	3,957	3,950
Georgia	54,264	9,542	4,544	2,957	2,175	2,104
Hawaii	1,751	154	140	143	145	137
Idaho	12,034	1,797	1,179	533	439	356
Illinois	209,317	29,648	19,252	12,543	7,799	6,312
Indiana	87,471	12,910	7,615	4,964	3,029	1,878
Iowa	48,502	6,824	4,389	2,683	1,474	1,261
Kansas	37,875	5,265	2,762	1,500	1,174	1,206
Kentucky	39,414	5,544	2,931	1,912	1,201	1,079
Louisiana	25,158	2,537	1,594	1,425	1,378	1,313
Maine	NA	NA	284	335	209	191
Maryland	70,836	9,621	5,962	5,249	3,070	3,118
Massachusetts	NA	NA	NA	5,852	2,738	2,541
Michigan	185,852	22,600	14,597	9,539	5,147	5,475
Minnesota	101,288	14,547	9,719	5,723	3,485	2,315
Mississippi	22,671	2,661	1,369	1,304	1,129	985
Missouri	62,758	7,845	4,177	2,607	2,279	2,109
Montana	13,488	1,729	1,312	570	362	443
Nebraska	28,535	3,576	2,191	1,285	951	1,123
Nevada	24,008	2,961	2,160	1,501	1,322	1,223
New Hampshire	NA	NA	820	602	444	450
New Jersey	NA	21,125	13,048	NA	7,394	6,672
New Mexico	24,018	3,071	1,530	1,080	971	920
New York	285,759	26,859	19,681	16,603	15,732	16,243
North Carolina	NA	5,784	4,110	NA	1,754	1,570
North Dakota	11,012	1,534	1,429	647	363	279
Ohio	^R 176,341	23,314	^R 14,044	8,874	5,027	4,271
Oklahoma	38,032	4,338	1,952	1,377	1,325	1,303
Oregon	26,172	3,516	2,135	1,152	1,044	979
Pennsylvania	155,402	19,781	11,419	8,337	4,663	4,799
Rhode Island	11,146	1,013	791	440	256	281
South Carolina	22,125	2,605	1,543	1,330	1,154	1,136
South Dakota	10,374	1,485	1,165	533	329	282
Tennessee	58,938	6,750	3,756	2,997	2,463	2,369
Texas	175,360	17,668	11,835	9,271	9,433	11,488
Utah	30,800	4,779	3,757	1,702	1,231	961
Vermont	2,757	337	207	125	76	75
Virginia	67,459	9,630	5,720	4,534	2,833	2,927
Washington	48,027	6,664	4,383	2,379	1,983	1,711
West Virginia	24,751	3,086	1,881	1,572	1,213	981
Wisconsin	84,066	10,992	8,424	4,684	2,637	2,075
Wyoming	9,550	1,366	1,037	522	353	271
Total	^R3,141,754	386,407	^R249,153	177,575	133,154	127,676

See footnotes at end of table.

Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2002-2004
(Million Cubic Feet) — Continued

State	2003					
	July	June	May	April	March	February
Alabama	1,214	1,165	1,494	1,872	2,951	4,369
Alaska	1,276	NA	1,277	1,633	1,842	1,637
Arizona	1,940	2,030	2,412	2,795	3,357	3,309
Arkansas	1,393	1,411	1,755	2,584	4,435	5,602
California	16,718	17,262	20,334	22,011	24,908	NA
Colorado	1,824	2,438	2,885	4,651	7,473	9,263
Connecticut	1,570	1,706	2,065	3,584	4,542	5,540
Delaware	289	331	428	712	1,002	1,416
District of Columbia	836	800	1,027	1,499	2,017	2,456
Florida	3,906	4,013	4,240	4,483	4,838	5,544
Georgia	2,091	2,110	2,319	3,565	4,844	7,781
Hawaii	145	142	143	144	146	150
Idaho	378	485	840	1,104	1,472	1,638
Illinois	6,758	6,177	9,062	15,406	25,950	33,122
Indiana	2,355	2,602	3,944	5,532	10,116	15,360
Iowa	1,272	1,514	2,025	3,759	6,560	8,388
Kansas	1,242	1,313	1,642	2,908	5,603	6,593
Kentucky	1,079	1,182	1,521	3,036	5,239	6,889
Louisiana	1,471	1,400	1,612	2,194	2,869	3,701
Maine	158	231	216	436	590	611
Maryland	3,056	3,291	3,925	5,813	7,305	9,552
Massachusetts	2,545	5,561	4,180	7,363	8,086	10,885
Michigan	5,323	6,149	10,197	17,589	26,556	30,625
Minnesota	3,504	2,560	5,351	7,964	12,308	16,286
Mississippi	1,133	1,125	1,204	1,511	2,834	3,785
Missouri	1,922	2,223	3,060	4,873	9,094	11,580
Montana	452	614	930	1,219	1,943	1,978
Nebraska	1,015	1,144	1,601	2,501	4,106	4,728
Nevada	1,345	1,406	1,868	2,144	2,525	2,588
New Hampshire	426	413	601	949	1,367	NA
New Jersey	7,108	6,507	9,756	14,743	20,728	25,304
New Mexico	968	1,160	1,643	2,379	3,098	3,347
New York	15,093	13,113	17,592	23,875	36,627	42,888
North Carolina	1,605	1,728	2,333	3,338	4,888	7,268
North Dakota	265	203	377	598	1,537	1,832
Ohio	4,254	5,012	7,433	14,452	24,080	30,494
Oklahoma	1,283	1,379	2,015	3,441	6,073	6,902
Oregon	1,059	1,413	2,093	2,550	3,191	3,295
Pennsylvania	5,027	5,694	7,812	13,386	20,564	25,511
Rhode Island	288	460	757	1,190	1,744	1,970
South Carolina	1,140	1,144	1,409	1,747	2,326	3,193
South Dakota	264	325	454	790	1,383	1,651
Tennessee	2,386	2,601	3,091	3,920	7,275	10,336
Texas	11,542	10,072	12,189	13,116	19,423	23,501
Utah	892	1,017	1,580	2,564	3,344	4,525
Vermont	71	94	157	302	397	486
Virginia	2,856	2,680	3,558	4,844	7,327	9,214
Washington	1,976	2,612	3,641	4,670	5,634	5,884
West Virginia	982	1,009	1,261	1,720	2,802	4,250
Wisconsin	2,123	2,245	3,591	6,523	11,020	14,154
Wyoming	277	397	594	896	1,191	1,300
Total	130,092	134,931	177,494	256,877	381,527	475,989

See footnotes at end of table.

Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2002-2004

(Million Cubic Feet) — Continued

State	2003	2002				
	January	Total	December	November	October	September
Alabama	4,407	24,868	3,351	1,832	1,181	1,069
Alaska	2,174	15,691	2,120	1,707	1,532	750
Arizona	3,974	31,665	3,375	2,468	1,961	1,818
Arkansas	5,126	32,928	3,796	2,759	1,747	1,342
California	NA	238,247	22,270	18,286	18,126	15,815
Colorado	8,406	66,939	9,580	7,658	5,279	2,343
Connecticut	6,074	40,535	5,400	3,468	2,405	1,766
Delaware	NA	7,477	1,100	682	355	280
District of Columbia	2,548	18,332	2,663	2,064	1,283	864
Florida	5,346	55,803	5,478	4,433	3,936	4,087
Georgia	10,233	48,631	8,148	4,256	2,556	1,997
Hawaii	161	1,720	151	146	144	144
Idaho	1,812	13,592	1,597	1,249	634	423
Illinois	37,288	204,550	28,973	21,700	14,278	7,809
Indiana	17,163	82,427	13,405	8,600	5,357	2,484
Iowa	8,354	46,406	6,714	4,944	2,689	1,843
Kansas	6,667	38,752	5,051	3,689	1,900	1,272
Kentucky	7,800	36,024	5,841	3,903	2,126	1,035
Louisiana	3,664	25,317	2,838	1,701	1,520	1,439
Maine	719	5,167	631	434	339	306
Maryland	10,875	63,999	9,825	7,122	4,619	3,324
Massachusetts	11,287	64,763	8,514	4,825	5,366	3,293
Michigan	32,054	175,055	24,495	16,507	9,560	5,523
Minnesota	17,526	104,387	14,311	11,035	7,905	3,845
Mississippi	3,631	21,148	2,689	1,498	1,229	1,111
Missouri	10,987	61,897	8,212	5,514	3,425	1,953
Montana	1,936	14,704	1,753	1,441	919	443
Nebraska	4,316	28,185	3,579	2,337	1,236	973
Nevada	2,965	22,685	2,524	1,926	1,478	1,249
New Hampshire	NA	8,768	1,344	917	369	437
New Jersey	25,512	146,176	23,286	13,130	8,636	8,016
New Mexico	3,852	26,057	3,150	1,754	1,171	811
New York	41,454	362,247	42,734	37,932	22,574	21,051
North Carolina	7,743	40,198	6,225	3,620	2,429	1,624
North Dakota	1,947	11,675	1,617	1,315	1,014	358
Ohio	35,088	162,764	24,526	16,200	9,139	4,369
Oklahoma	6,644	40,225	4,845	2,941	1,482	1,477
Oregon	3,745	27,714	3,297	2,311	1,304	1,062
Pennsylvania	28,410	136,202	20,881	13,337	8,521	4,874
Rhode Island	1,957	11,468	1,544	1,001	556	429
South Carolina	3,397	21,029	2,875	1,698	1,186	1,114
South Dakota	1,713	10,258	1,375	1,186	763	315
Tennessee	10,995	53,707	8,138	4,289	2,370	2,137
Texas	25,823	186,430	22,104	17,205	11,831	9,952
Utah	4,449	33,501	4,392	3,580	2,327	1,257
Vermont	429	2,470	332	238	114	83
Virginia	11,336	62,699	9,486	6,538	4,202	2,621
Washington	6,489	46,455	5,158	3,995	2,243	1,707
West Virginia	3,995	24,723	3,452	2,486	925	953
Wisconsin	15,599	85,811	13,044	9,978	6,440	2,917
Wyoming	1,346	10,804	1,446	1,122	744	379
Total	510,879	3,103,277	413,637	294,958	195,423	138,540

^R Revised Data.

NA Not Available.

Notes: Geographic coverage is the 50 States and the District of Columbia. Gas volumes delivered for use as vehicle fuel are included in the annual

total but not in the monthly components. See Appendix A, Explanatory Note 7 for discussion of computations and revision policy.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2002-2004
(Million Cubic Feet)

State	YTD 2004	YTD 2003	YTD 2002	2004		
				March	February	January
Alabama	40,171	40,677	41,651	12,799	13,359	14,013
Alaska	16,651	14,006	15,674	6,608	5,641	4,402
Arizona	4,381	4,534	4,571	1,330	1,505	1,545
Arkansas	35,340	31,637	32,185	11,336	11,834	12,171
California	199,428	167,192	178,099	64,670	68,783	65,975
Colorado	29,967	34,521	34,903	8,534	10,197	11,236
Connecticut	7,717	7,764	8,808	2,462	2,567	2,688
Delaware	5,381	5,673	4,178	1,602	1,657	2,122
District of Columbia	0	0	0	0	0	0
Florida	19,512	NA	25,703	6,635	6,116	6,762
Georgia	36,804	37,764	37,099	12,234	12,380	12,190
Hawaii	112	116	121	39	36	37
Idaho ^a	6,797	7,102	8,097	2,114	2,252	2,432
Illinois	83,136	85,963	83,093	26,062	27,539	29,535
Indiana	78,274	73,331	71,325	24,334	25,611	28,329
Iowa	26,594	26,826	25,320	8,392	9,168	9,034
Kansas	24,024	27,546	23,159	7,828	7,427	8,768
Kentucky	32,573	29,661	28,422	10,492	10,611	11,470
Louisiana	196,909	186,653	203,898	64,924	64,793	67,192
Maine	871	1,050	585	259	287	324
Maryland	5,339	6,211	7,502	1,658	1,566	2,115
Massachusetts	19,329	18,152	26,153	5,660	7,035	6,633
Michigan	70,782	75,997	67,668	23,355	23,412	24,015
Minnesota	27,385	27,291	26,975	8,654	8,968	9,763
Mississippi	24,766	27,667	25,447	8,820	7,975	7,971
Missouri	19,764	20,691	19,645	5,878	6,681	7,205
Montana	6,288	5,294	6,208	1,795	2,020	2,474
Nebraska	9,109	9,204	9,013	2,428	3,268	3,413
Nevada	2,967	2,805	2,722	930	1,004	1,034
New Hampshire	NA	NA	2,473	NA	NA	NA
New Jersey	21,909	22,116	23,101	7,290	7,364	7,255
New Mexico	5,664	5,550	6,795	1,778	1,938	1,948
New York	32,511	34,315	27,120	10,029	11,454	11,027
North Carolina	25,197	25,296	26,445	8,508	8,381	8,308
North Dakota	4,428	3,110	5,307	1,496	1,320	^R 1,612
Ohio	90,548	90,872	82,665	27,288	28,729	34,531
Oklahoma	35,713	32,954	33,262	9,893	11,636	14,183
Oregon	19,066	17,072	20,212	6,235	6,291	6,540
Pennsylvania	54,286	56,369	57,592	18,011	16,561	19,715
Rhode Island	1,587	1,359	554	492	551	545
South Carolina	19,457	19,655	26,203	6,615	6,392	6,450
South Dakota	3,059	3,391	1,112	987	1,049	1,023
Tennessee	28,532	33,224	35,432	8,972	9,681	9,880
Texas	447,836	451,934	508,265	145,828	145,129	156,879
Utah	7,174	6,827	7,396	2,213	2,405	2,557
Vermont	757	524	983	291	314	152
Virginia	17,956	18,202	17,090	6,194	5,663	6,098
Washington	NA	17,515	19,549	5,620	5,869	NA
West Virginia	12,803	NA	11,803	4,006	4,387	4,410
Wisconsin	54,250	45,162	43,968	16,620	17,643	19,987
Wyoming	11,090	11,698	10,405	3,587	3,837	3,665
Total	1,943,318	1,906,626	1,985,956	624,365	640,799	^R678,154

See footnotes at end of table.

Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2002-2004

(Million Cubic Feet) — Continued

State	2003					
	Total	December	November	October	September	August
Alabama	148,445	13,150	12,157	12,255	11,405	11,900
Alaska	NA	NA	4,158	NA	5,908	6,280
Arizona	16,456	1,633	1,409	1,262	1,195	1,281
Arkansas	111,212	10,476	9,537	9,735	7,930	7,281
California	701,300	60,001	61,403	62,857	64,558	61,248
Colorado	114,268	11,018	9,982	7,359	7,281	8,948
Connecticut	27,200	2,728	2,162	2,409	1,774	2,181
Delaware	16,773	2,030	1,849	1,325	1,218	1,080
District of Columbia	0	0	0	0	0	0
Florida	NA	5,953	6,340	NA	NA	6,640
Georgia	141,426	12,196	11,403	12,083	11,261	11,623
Hawaii	444	39	34	36	36	37
Idaho ^a	24,702	2,114	2,110	2,063	1,910	1,545
Illinois	269,557	25,990	24,010	20,818	18,685	18,094
Indiana	248,963	24,628	22,744	20,668	18,409	17,890
Iowa	92,218	8,537	8,447	7,564	7,181	6,295
Kansas	103,997	8,636	7,763	8,957	10,092	8,714
Kentucky	100,815	10,649	8,686	8,709	7,568	7,251
Louisiana	^R 712,237	64,894	59,964	57,926	57,563	58,858
Maine	NA	287	323	NA	219	221
Maryland	21,621	2,460	2,067	1,349	1,466	1,400
Massachusetts	NA	NA	NA	7,098	NA	NA
Michigan	217,832	19,261	17,154	14,564	13,379	14,660
Minnesota	94,353	9,465	9,228	8,180	6,253	6,768
Mississippi	97,059	9,215	7,843	7,694	7,313	7,094
Missouri	64,022	6,279	5,471	4,869	4,518	5,072
Montana	19,531	2,294	2,238	1,700	1,234	1,086
Nebraska	38,476	3,035	2,876	3,676	4,009	4,186
Nevada	10,526	942	953	834	764	781
New Hampshire	NA	NA	511	495	402	450
New Jersey	NA	7,110	6,706	NA	5,536	5,684
New Mexico	21,114	1,849	1,764	1,494	1,998	1,414
New York	102,857	9,694	8,917	7,916	6,547	6,380
North Carolina	NA	8,552	7,308	NA	6,864	6,792
North Dakota	NA	NA	1,031	995	1,045	572
Ohio	292,878	29,493	24,750	24,219	19,929	20,235
Oklahoma	125,077	12,618	11,203	10,859	9,692	10,242
Oregon	67,779	6,410	6,152	6,026	5,655	5,437
Pennsylvania	189,014	18,263	15,117	15,820	13,846	14,279
Rhode Island	4,308	288	445	249	284	278
South Carolina	73,049	6,405	6,130	6,028	5,972	5,834
South Dakota	11,183	988	995	836	768	744
Tennessee	112,334	9,516	8,276	8,427	8,009	7,950
Texas	1,832,243	152,926	144,664	155,079	154,534	175,214
Utah	25,208	2,317	2,271	2,117	1,950	1,955
Vermont	2,488	295	261	255	183	175
Virginia	65,236	6,526	5,107	5,050	4,819	3,755
Washington	^R 65,895	^R 6,105	^R 5,905	6,072	5,211	4,968
West Virginia	NA	NA	3,627	3,692	3,473	3,580
Wisconsin	140,714	14,391	12,856	11,138	9,332	8,925
Wyoming	43,718	4,027	2,954	3,838	3,553	3,393
Total	^R 7,001,692	^R 629,811	^R 582,802	587,951	551,823	568,691

See footnotes at end of table.

Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2002-2004
(Million Cubic Feet) — Continued

State	2003					
	July	June	May	April	March	February
Alabama	11,622	11,127	12,083	12,070	12,538	13,667
Alaska	6,200	NA	6,259	6,370	5,292	4,386
Arizona	1,205	1,272	1,300	1,366	1,504	1,455
Arkansas	7,104	8,673	9,118	9,723	9,574	10,428
California	57,287	57,167	55,564	54,024	58,596	54,859
Colorado	9,540	7,520	10,478	7,620	10,218	12,128
Connecticut	1,943	1,750	2,017	2,472	2,487	2,428
Delaware	914	944	818	922	1,381	1,880
District of Columbia	0	0	0	0	0	0
Florida	5,519	5,206	5,812	5,621	5,604	NA
Georgia	11,252	10,178	11,538	12,128	12,418	12,242
Hawaii	38	36	35	38	40	36
Idaho ^a	1,633	2,006	2,009	2,210	2,404	2,204
Illinois	17,249	17,862	19,017	21,867	26,158	28,732
Indiana	16,843	16,727	18,297	19,426	22,009	24,393
Iowa	6,578	6,568	7,018	7,203	8,105	9,960
Kansas	9,852	7,234	8,045	7,158	8,379	9,065
Kentucky	6,794	6,757	7,539	7,202	8,286	9,852
Louisiana	56,353	49,341	59,994	60,690	61,002	^R 58,131
Maine	283	206	209	233	281	336
Maryland	1,376	1,342	1,565	2,385	2,007	2,119
Massachusetts	5,234	3,361	6,076	4,617	6,249	5,001
Michigan	13,737	13,770	15,796	19,515	22,993	26,385
Minnesota	6,588	6,482	6,781	7,317	8,197	9,594
Mississippi	7,185	7,855	7,412	7,781	7,864	8,995
Missouri	3,540	4,110	4,457	5,015	6,210	7,050
Montana	1,122	1,413	1,310	1,842	1,858	1,989
Nebraska	4,381	1,856	2,669	2,585	2,577	3,188
Nevada	775	822	846	1,005	1,000	766
New Hampshire	417	459	653	697	747	NA
New Jersey	5,989	5,609	6,294	6,495	7,135	7,313
New Mexico	1,658	1,705	1,809	1,872	1,850	1,858
New York	6,085	6,232	7,291	9,480	10,364	11,831
North Carolina	5,959	5,641	6,709	7,257	7,372	9,045
North Dakota	812	1,181	1,197	1,071	944	778
Ohio	19,064	18,845	21,967	23,504	27,569	30,336
Oklahoma	9,758	8,478	9,369	9,905	10,283	10,411
Oregon	5,242	4,952	5,403	5,429	5,597	5,522
Pennsylvania	13,537	12,591	13,718	15,473	17,251	18,922
Rhode Island	239	462	309	396	438	448
South Carolina	5,475	5,082	6,016	6,453	5,625	6,769
South Dakota	803	806	851	1,001	1,068	1,200
Tennessee	7,752	9,360	9,629	10,192	10,306	11,498
Texas	183,816	132,010	140,379	141,688	146,571	148,348
Utah	1,912	1,902	1,934	2,022	2,187	2,240
Vermont	156	177	191	270	180	124
Virginia	4,733	6,074	6,950	4,021	6,081	6,128
Washington	4,552	4,828	5,071	5,667	5,847	5,588
West Virginia	^R 3,274	3,258	3,384	^R 3,431	NA	3,945
Wisconsin	8,422	8,829	9,937	11,722	13,072	15,424
Wyoming	3,284	3,575	3,645	3,751	4,033	3,617
Total	^R565,085	499,932	546,770	^R562,202	602,608	^R630,543

See footnotes at end of table.

Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2002-2004

(Million Cubic Feet) — Continued

State	2003	2002				
	January	Total	December	November	October	September
Alabama	14,471	157,286	14,162	12,483	13,048	12,508
Alaska	4,328	65,693	4,308	4,578	5,220	5,537
Arizona	1,576	17,155	1,748	1,622	1,530	1,247
Arkansas	11,635	118,432	10,733	10,474	10,289	9,352
California	53,736	740,256	62,993	63,411	70,248	63,672
Colorado	12,174	134,967	11,823	10,288	12,758	9,936
Connecticut	2,849	29,051	2,673	2,516	2,388	2,029
Delaware	2,412	17,634	2,600	2,120	1,965	1,778
District of Columbia	0	0	0	0	0	0
Florida	NA	97,789	7,913	7,900	8,316	7,662
Georgia	13,104	143,152	12,247	12,080	11,650	11,390
Hawaii	40	475	37	35	35	36
Idaho ^a	2,493	28,258	2,492	2,410	2,449	2,244
Illinois	31,073	290,479	27,786	25,907	24,645	18,993
Indiana	26,929	259,059	25,579	23,322	22,268	19,688
Iowa	8,762	92,223	9,132	9,370	7,622	6,589
Kansas	10,102	108,038	10,012	10,117	8,016	11,234
Kentucky	11,523	101,348	9,764	9,690	8,989	7,608
Louisiana	^R 67,520	796,149	77,190	76,188	67,219	62,623
Maine	432	3,668	541	572	442	20
Maryland	2,086	27,183	2,485	2,776	2,161	1,836
Massachusetts	6,901	85,951	8,179	7,442	6,264	6,085
Michigan	26,619	236,133	23,485	19,810	15,825	15,021
Minnesota	9,500	95,671	9,637	9,525	8,469	6,382
Mississippi	10,807	100,954	9,761	8,986	8,723	7,668
Missouri	7,431	66,593	6,285	5,932	5,971	4,230
Montana	1,447	21,867	1,547	2,215	1,920	1,696
Nebraska	3,439	40,428	3,224	2,951	2,846	4,369
Nevada	1,039	11,022	1,064	994	1,033	894
New Hampshire	NA	8,054	966	290	202	562
New Jersey	7,668	80,483	7,496	6,794	6,139	5,773
New Mexico	1,842	24,962	2,004	2,299	2,053	2,048
New York	12,120	92,249	8,544	8,270	7,131	6,443
North Carolina	8,879	98,306	8,826	8,746	8,589	7,733
North Dakota	1,388	19,101	1,435	1,306	1,491	1,348
Ohio	32,967	307,748	31,006	28,235	25,752	21,571
Oklahoma	12,260	126,193	12,210	11,798	10,611	9,782
Oregon	5,953	70,510	6,001	5,714	5,848	5,370
Pennsylvania	20,196	205,127	20,139	18,422	16,935	14,783
Rhode Island	473	4,455	342	588	578	502
South Carolina	7,261	99,042	8,027	8,393	8,280	7,435
South Dakota	1,123	3,946	505	544	393	270
Tennessee	11,420	118,219	10,608	10,217	9,207	7,747
Texas	157,015	2,014,722	148,275	140,107	145,336	154,730
Utah	2,400	26,879	2,488	2,409	2,415	2,117
Vermont	220	3,085	283	287	269	199
Virginia	5,992	73,973	5,613	5,866	6,162	6,500
Washington	6,081	67,717	5,766	5,874	5,633	5,034
West Virginia	4,156	45,492	4,147	4,094	4,218	3,160
Wisconsin	16,665	137,706	14,552	12,517	11,328	8,487
Wyoming	4,048	41,725	3,786	4,001	3,703	3,031
Total	^R 673,475	7,556,607	662,418	632,487	614,579	576,956

^a Small volumes of natural gas representing onsystem sales to industrial consumers in Idaho are included in the annual total but not in monthly components.

^R Revised Data.

NA Not Available.

Notes: Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 7 for discussion of computations and revision policy.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 18. Natural Gas Deliveries to Electric Power Consumers, by State, 2002-2004
(Million Cubic Feet)

State	YTD 2004	YTD 2003	YTD 2002	2004		
				March	February	January
Alabama	NA	19,413	24,413	NA	^R 8,523	9,258
Alaska	NA	8,967	7,774	NA	^R 3,015	3,533
Arizona	NA	22,826	23,413	NA	^R 13,497	9,704
Arkansas	NA	7,676	5,356	NA	^R 2,283	1,698
California	NA	156,166	162,552	NA	^R 48,818	45,680
Colorado	NA	16,451	16,631	NA	^R 5,845	6,579
Connecticut	NA	8,868	13,105	NA	^R 3,888	2,720
Delaware	NA	1,761	3,145	NA	^R 754	929
District of Columbia	NA	0	0	NA	^R 0	0
Florida	NA	100,839	97,157	NA	^R 35,237	35,685
Georgia	NA	4,811	2,940	NA	^R 2,625	1,929
Hawaii	NA	0	0	NA	^R 0	0
Idaho	NA	392	782	NA	^R 145	153
Illinois	NA	8,451	10,250	NA	^R 1,911	2,443
Indiana	NA	5,148	6,716	NA	^R 3,495	2,938
Iowa	NA	904	1,021	NA	^R 257	439
Kansas	NA	2,593	3,190	NA	^R 604	582
Kentucky	NA	954	1,641	NA	^R 277	406
Louisiana	NA	44,248	64,266	NA	^R 15,050	13,133
Maine	NA	14,574	23,923	NA	^R 6,205	4,948
Maryland	NA	1,569	1,670	NA	^R 370	549
Massachusetts	NA	29,759	26,817	NA	^R 10,498	11,783
Michigan	NA	28,646	33,671	NA	^R 10,024	10,684
Minnesota	NA	2,904	2,685	NA	^R 1,452	2,150
Mississippi	NA	27,646	37,835	NA	^R 7,227	4,675
Missouri	NA	3,067	5,644	NA	^R 1,573	1,533
Montana	NA	48	3	NA	^R 5	6
Nebraska	NA	411	402	NA	^R 167	200
Nevada	NA	21,848	25,185	NA	^R 9,030	7,890
New Hampshire	NA	0	31	NA	^R 0	0
New Jersey	NA	23,732	30,239	NA	^R 8,343	7,946
New Mexico	NA	7,739	7,096	NA	^R 2,728	2,898
New York	NA	54,637	74,519	NA	^R 15,470	14,657
North Carolina	NA	6,197	3,815	NA	^R 2,717	3,224
North Dakota	NA	0	1	NA	^R 0	0
Ohio	NA	1,976	1,569	NA	^R 716	797
Oklahoma	NA	32,391	39,696	NA	^R 13,592	11,057
Oregon	NA	17,838	19,305	NA	^R 7,672	8,063
Pennsylvania	NA	5,932	8,060	NA	^R 6,330	4,183
Rhode Island	NA	10,304	14,115	NA	^R 2,687	3,607
South Carolina	NA	3,868	6,129	NA	^R 1,789	1,857
South Dakota	NA	96	216	NA	^R 31	103
Tennessee	NA	1,363	205	NA	^R 49	197
Texas	NA	309,916	300,812	NA	^R 88,653	88,904
Utah	NA	2,991	2,270	NA	^R 492	434
Vermont	NA	3	9	NA	^R 3	1
Virginia	NA	6,794	4,127	NA	^R 4,425	3,626
Washington	NA	15,266	12,832	NA	^R 5,823	5,808
West Virginia	NA	178	299	NA	^R 71	51
Wisconsin	NA	5,692	3,889	NA	^R 1,254	2,084
Wyoming	NA	1,030	770	NA	^R 175	196
Total	^E1,052,277	1,048,885	1,132,193	^E354,565	^R355,793	341,919

See footnotes at end of table.

Table 18. Natural Gas Deliveries to Electric Power Consumers, by State, 2002-2004

(Million Cubic Feet) — Continued

State	2003					
	Total	December	November	October	September	August
Alabama	87,809	6,465	3,841	3,028	7,106	17,406
Alaska	35,809	3,384	3,152	2,980	2,847	3,108
Arizona	133,845	5,506	6,087	11,502	16,335	21,021
Arkansas	30,176	1,401	1,659	2,246	2,344	3,824
California	658,015	49,343	49,610	62,558	66,607	76,282
Colorado	72,815	6,106	6,071	4,729	6,030	9,322
Connecticut	43,095	3,666	4,459	3,869	4,126	4,588
Delaware	11,209	662	452	891	1,088	2,041
District of Columbia	0	0	0	0	0	0
Florida	522,958	37,405	44,122	47,217	51,628	51,497
Georgia	37,806	880	2,065	2,595	2,853	8,657
Hawaii	0	0	0	0	0	0
Idaho	2,272	119	137	131	140	332
Illinois	35,960	1,511	1,367	1,303	1,572	10,506
Indiana	28,169	2,641	2,684	1,485	2,414	4,879
Iowa	4,493	225	476	242	277	1,049
Kansas	15,711	778	861	608	866	4,054
Kentucky	3,680	283	106	104	159	958
Louisiana	221,309	15,858	15,334	16,791	18,449	28,714
Maine	67,262	5,660	6,079	6,990	6,104	6,674
Maryland	21,194	491	495	2,744	3,560	4,197
Massachusetts	171,267	13,040	14,271	18,540	16,941	19,232
Michigan	101,389	7,434	6,490	6,362	6,850	15,717
Minnesota	19,890	1,433	1,871	2,013	1,836	4,438
Mississippi	99,495	6,547	6,304	5,118	7,555	10,394
Missouri	20,845	633	476	109	749	5,568
Montana	259	34	11	15	11	63
Nebraska	4,930	99	260	235	224	1,386
Nevada	112,285	9,201	8,514	10,430	11,291	13,694
New Hampshire	1	0	0	0	0	0
New Jersey	122,224	11,228	8,788	9,841	10,771	16,861
New Mexico	38,336	2,896	2,497	2,629	3,229	5,356
New York	251,027	14,787	15,590	19,602	21,878	36,973
North Carolina	29,113	1,286	1,462	942	3,466	5,040
North Dakota	0	0	0	0	0	0
Ohio	14,798	411	493	377	752	6,755
Oklahoma	189,618	11,649	8,520	13,599	16,458	32,630
Oregon	75,141	6,586	7,787	8,201	9,441	9,077
Pennsylvania	40,780	2,841	2,311	3,390	2,891	9,027
Rhode Island	40,180	2,724	3,882	3,356	3,931	4,397
South Carolina	16,468	443	233	302	652	4,276
South Dakota	1,743	57	91	95	158	486
Tennessee	2,896	40	55	53	73	403
Texas	1,416,030	85,269	88,348	104,675	109,050	173,402
Utah	15,164	451	428	1,195	1,344	2,224
Vermont	30	3	5	4	3	3
Virginia	32,376	2,259	3,295	1,496	2,164	6,257
Washington	53,868	3,686	5,287	5,377	6,647	6,766
West Virginia	2,064	151	169	101	201	602
Wisconsin	21,114	1,762	1,093	1,299	1,117	3,660
Wyoming	2,323	38	58	104	99	292
Total	4,929,240	329,373	337,644	391,473	434,285	654,087

See footnotes at end of table.

Table 18. Natural Gas Deliveries to Electric Power Consumers, by State, 2002-2004
(Million Cubic Feet) — Continued

State	2003					
	July	June	May	April	March	February
Alabama	12,592	7,511	4,608	5,840	4,377	5,320
Alaska	3,133	2,911	2,615	2,712	2,888	2,715
Arizona	20,481	11,981	8,701	9,405	11,626	8,703
Arkansas	3,558	1,742	2,887	2,838	2,337	2,973
California	81,897	43,102	37,310	35,140	52,522	51,396
Colorado	8,567	4,998	6,022	4,519	5,772	5,472
Connecticut	3,890	2,870	3,254	3,505	4,261	2,098
Delaware	2,160	856	356	943	952	353
District of Columbia	0	0	0	0	0	0
Florida	52,649	46,957	50,704	39,940	42,010	28,404
Georgia	6,283	2,895	2,488	4,279	884	801
Hawaii	0	0	0	0	0	0
Idaho	612	169	137	103	121	121
Illinois	5,353	2,534	1,492	1,870	2,574	2,829
Indiana	3,030	2,194	2,759	935	1,959	1,729
Iowa	576	219	246	280	296	330
Kansas	3,052	1,196	922	780	1,037	730
Kentucky	464	160	302	189	153	174
Louisiana	27,217	20,293	18,727	15,679	13,374	13,630
Maine	6,861	5,255	4,141	4,923	4,329	3,613
Maryland	4,403	1,800	1,293	642	334	572
Massachusetts	21,092	15,276	12,129	10,988	10,899	9,733
Michigan	9,192	6,556	7,188	6,955	7,428	9,741
Minnesota	2,632	1,049	554	1,159	731	1,045
Mississippi	10,704	8,757	8,162	8,307	6,983	8,169
Missouri	5,293	1,267	1,285	2,399	817	661
Montana	26	37	11	2	21	20
Nebraska	1,436	424	194	261	125	161
Nevada	13,860	9,886	7,153	6,409	7,538	7,017
New Hampshire	0	0	0	0	0	0
New Jersey	15,790	8,331	8,598	8,284	7,062	8,118
New Mexico	4,814	3,535	3,293	2,349	2,838	2,704
New York	32,144	20,838	16,880	17,698	20,318	15,316
North Carolina	4,731	657	3,141	2,192	1,332	1,758
North Dakota	0	0	0	0	0	0
Ohio	1,492	813	639	1,089	1,077	348
Oklahoma	32,405	16,264	14,044	11,659	10,129	11,557
Oregon	9,294	3,209	1,623	2,085	4,356	5,636
Pennsylvania	6,441	3,270	2,207	2,470	2,712	1,624
Rhode Island	4,808	3,167	1,848	1,764	2,853	3,083
South Carolina	2,703	1,352	1,202	1,437	413	816
South Dakota	477	205	10	66	18	51
Tennessee	112	131	27	639	264	116
Texas	165,419	141,088	137,715	101,148	102,071	99,744
Utah	2,308	1,342	1,108	1,773	1,372	754
Vermont	2	2	3	2	1	1
Virginia	4,787	1,260	827	3,237	2,461	959
Washington	6,883	1,042	1,068	1,846	5,177	5,146
West Virginia	284	144	95	140	76	36
Wisconsin	2,421	1,225	1,053	1,793	1,900	2,106
Wyoming	326	55	82	238	254	418
Total	608,655	410,827	381,098	332,912	353,032	328,801

See footnotes at end of table.

Table 18. Natural Gas Deliveries to Electric Power Consumers, by State, 2002-2004

(Million Cubic Feet) — Continued

State	2003	2002				
	January	Total	December	November	October	September
Alabama	9,717	112,403	5,608	5,415	7,064	11,855
Alaska	3,365	31,704	3,118	2,605	2,861	2,601
Arizona	2,497	145,346	12,131	11,510	14,354	16,847
Arkansas	2,366	42,430	1,288	1,415	3,676	5,298
California	52,248	726,627	57,695	52,006	57,204	75,298
Colorado	5,206	78,171	6,190	5,672	7,059	6,242
Connecticut	2,509	65,060	4,227	4,165	4,687	7,282
Delaware	456	17,460	329	269	1,248	1,932
District of Columbia	0	0	0	0	0	0
Florida	30,425	521,868	30,983	35,484	52,477	53,763
Georgia	3,127	56,588	1,354	849	4,206	7,887
Hawaii	0	0	0	0	0	0
Idaho	150	2,720	125	98	170	156
Illinois	3,048	81,867	1,418	1,013	2,177	6,897
Indiana	1,459	35,104	1,962	2,010	1,903	3,299
Iowa	277	5,250	229	264	281	551
Kansas	827	21,389	672	781	683	1,984
Kentucky	627	13,712	251	261	296	1,262
Louisiana	17,244	323,804	14,750	16,204	23,674	32,420
Maine	6,632	90,769	7,498	7,749	7,554	7,831
Maryland	662	22,273	932	769	1,098	2,957
Massachusetts	9,128	128,852	11,339	9,628	11,693	13,386
Michigan	11,477	146,133	9,403	7,328	10,028	13,037
Minnesota	1,129	13,181	629	605	830	1,304
Mississippi	12,494	163,664	7,909	6,416	8,932	15,022
Missouri	1,589	29,911	418	576	543	3,221
Montana	7	116	4	1	1	10
Nebraska	125	4,947	145	175	413	548
Nevada	7,294	109,605	8,707	9,317	9,859	10,763
New Hampshire	0	1,096	103	0	194	219
New Jersey	8,552	160,363	11,476	11,207	10,334	15,609
New Mexico	2,197	37,324	2,431	2,430	2,866	2,989
New York	19,004	365,705	21,361	23,132	30,298	37,923
North Carolina	3,107	31,877	1,315	413	1,979	3,243
North Dakota	0	1	0	0	0	0
Ohio	552	22,722	428	410	1,034	3,175
Oklahoma	10,705	194,770	7,817	7,041	12,173	21,384
Oregon	7,847	55,854	5,541	5,330	5,579	5,614
Pennsylvania	1,597	50,251	2,064	2,284	3,617	5,545
Rhode Island	4,367	53,965	5,121	5,812	3,985	4,282
South Carolina	2,639	36,710	279	396	1,101	2,795
South Dakota	27	1,265	25	12	27	148
Tennessee	983	2,596	281	77	1	74
Texas	108,101	1,550,292	101,970	103,613	124,397	148,525
Utah	865	15,439	1,239	1,065	2,334	2,199
Vermont	1	37	3	4	4	3
Virginia	3,374	34,936	1,963	659	1,913	4,318
Washington	4,943	39,552	5,690	3,821	4,011	3,934
West Virginia	67	1,885	45	73	81	139
Wisconsin	1,686	20,541	1,336	1,028	956	2,350
Wyoming	358	3,764	320	217	498	576
Total	367,051	5,671,897	360,123	351,612	442,357	568,699

^R Revised Data.^{NA} Not Available.**Notes:** Geographic coverage is the 50 States and the District of Columbia.

See Appendix A, Explanatory Note 7 for discussion of computation and revision policy.

Source: Form EIA-906, "Power Plant Report."

Table 19. Natural Gas Deliveries to All Consumers, by State, 2002-2004
(Million Cubic Feet)

State	YTD 2004	YTD 2003	YTD 2002	2004		
				March	February	January
Alabama	NA	98,773	101,518	NA	^R 35,466	37,567
Alaska	NA	34,592	34,761	NA	^R 12,781	14,127
Arizona	NA	54,424	58,077	NA	^R 25,986	22,501
Arkansas	NA	76,651	71,655	NA	^R 26,548	25,589
California	NA	NA	615,180	NA	^R 213,462	218,807
Colorado	NA	129,045	139,368	NA	^R 45,154	47,574
Connecticut	NA	55,483	55,004	NA	^R 20,227	20,081
Delaware	NA	NA	14,985	NA	^R 5,659	6,920
District of Columbia	NA	14,826	12,787	NA	^R 4,686	^R 6,329
Florida	NA	NA	145,658	NA	^R 49,490	51,002
Georgia	NA	127,420	115,293	NA	^R 47,594	50,771
Hawaii	NA	723	687	NA	^R 230	^R 243
Idaho	NA	20,691	25,021	NA	^R 7,965	8,942
Illinois	NA	428,775	373,028	NA	^R 136,354	164,574
Indiana	NA	203,484	183,424	NA	^R 69,946	80,662
Iowa	NA	89,159	79,284	NA	^R 30,998	32,619
Kansas	NA	92,672	79,035	NA	^R 29,212	30,206
Kentucky	NA	84,232	73,447	NA	^R 27,509	32,628
Louisiana	NA	266,857	302,124	NA	^R 91,905	93,720
Maine	NA	18,112	26,982	NA	^R 7,300	6,291
Maryland	NA	81,270	67,693	NA	^R 26,819	33,331
Massachusetts	NA	141,854	125,275	NA	^R 51,015	50,825
Michigan	NA	387,185	332,895	NA	^R 126,686	136,501
Minnesota	NA	143,945	128,289	NA	^R 45,911	58,054
Mississippi	NA	80,703	86,466	NA	^R 23,639	21,475
Missouri	NA	119,224	109,193	NA	^R 43,004	41,160
Montana	NA	20,268	21,844	NA	^R 6,887	8,743
Nebraska	NA	44,629	43,111	NA	^R 16,385	16,516
Nevada	NA	46,784	51,515	NA	^R 19,148	19,168
New Hampshire	NA	NA	8,938	NA	NA	NA
New Jersey	NA	240,966	199,024	NA	^R 84,073	87,994
New Mexico	NA	39,298	43,494	NA	^R 14,797	14,863
New York	NA	422,352	377,918	NA	^R 132,616	130,862
North Carolina	NA	87,092	76,186	NA	^R 31,847	^R 33,352
North Dakota	NA	14,181	15,284	NA	^R 4,504	^R 5,908
Ohio	NA	363,247	299,274	NA	^R 115,979	135,366
Oklahoma	NA	123,496	126,481	NA	^R 45,332	43,394
Oregon	NA	61,165	68,966	NA	^R 24,084	26,763
Pennsylvania	NA	276,707	225,622	NA	^R 94,159	100,567
Rhode Island	NA	27,473	27,104	NA	^R 9,484	9,358
South Carolina	NA	49,453	55,110	NA	^R 18,607	18,107
South Dakota	NA	14,663	11,278	NA	^R 4,947	5,503
Tennessee	NA	107,133	95,537	NA	^R 33,016	33,957
Texas	NA	944,488	982,676	NA	^R 295,826	306,947
Utah	NA	44,818	52,552	NA	^R 17,772	21,518
Vermont	NA	3,405	3,237	NA	^R 1,388	1,158
Virginia	NA	97,743	79,209	NA	^R 34,442	40,637
Washington	NA	80,108	84,009	NA	^R 28,289	NA
West Virginia	NA	NA	36,180	NA	^R 14,939	14,561
Wisconsin	NA	161,179	142,312	NA	^R 51,526	67,465
Wyoming	NA	21,778	21,104	NA	^R 7,280	7,671
Total	6,717,208	6,849,553	6,508,782	^E1,919,322	^R2,317,042	^R2,480,845

See footnotes at end of table.

Table 19. Natural Gas Deliveries to All Consumers, by State, 2002-2004

(Million Cubic Feet) — Continued

State	2003					
	Total	December	November	October	September	August
Alabama	309,075	28,901	19,705	18,112	20,780	31,555
Alaska	NA	NA	11,949	NA	11,230	11,338
Arizona	217,037	16,421	12,115	16,138	20,380	25,289
Arkansas	211,123	19,993	15,242	14,544	12,431	13,200
California	NA	208,329	174,165	168,114	168,841	175,623
Colorado	372,900	47,794	39,492	21,212	20,621	22,770
Connecticut	153,268	16,887	13,223	10,239	7,968	9,277
Delaware	NA	4,993	3,677	3,023	2,797	3,569
District of Columbia	33,192	4,981	2,769	2,021	875	1,285
Florida	NA	50,281	55,678	NA	NA	62,826
Georgia	363,198	47,890	28,363	23,344	19,923	25,841
Hawaii	2,738	239	216	218	224	219
Idaho	57,993	7,031	5,356	3,380	2,942	2,588
Illinois	988,410	126,937	89,625	60,145	39,492	44,457
Indiana	522,473	64,429	46,655	35,153	27,199	27,237
Iowa	219,332	26,503	20,426	13,547	10,495	10,002
Kansas	234,467	25,856	16,092	13,192	13,750	15,318
Kentucky	206,265	27,285	16,979	13,377	10,407	10,337
Louisiana	NA	90,075	78,971	77,940	79,004	NA
Maine	NA	NA	6,789	NA	6,562	7,115
Maryland	204,588	26,948	16,058	14,063	10,003	10,538
Massachusetts	NA	NA	NA	36,132	NA	NA
Michigan	890,291	99,743	70,166	50,408	33,443	42,904
Minnesota	353,472	46,227	36,190	22,901	14,887	16,216
Mississippi	245,764	22,051	16,729	14,964	16,673	19,159
Missouri	262,238	30,720	17,597	11,129	10,011	14,862
Montana	53,643	7,110	5,905	3,241	2,162	2,005
Nebraska	114,111	13,082	8,867	6,845	5,970	7,599
Nevada	179,666	18,478	14,442	14,037	14,451	16,693
New Hampshire	NA	NA	1,942	1,435	1,024	1,062
New Jersey	NA	74,059	46,327	NA	28,882	34,349
New Mexico	115,029	12,574	7,793	6,177	7,011	8,443
New York	1,066,901	103,331	74,080	61,427	53,732	68,888
North Carolina	NA	28,502	18,190	NA	13,258	14,423
North Dakota	NA	NA	3,982	2,275	1,725	1,079
Ohio	^R 828,529	103,296	^R 63,917	50,661	32,763	37,525
Oklahoma	419,865	37,835	25,108	27,521	28,792	45,441
Oregon	206,392	22,165	19,254	16,606	17,044	16,311
Pennsylvania	650,626	77,988	47,523	39,900	26,315	32,979
Rhode Island	75,804	6,285	6,472	4,709	4,891	5,423
South Carolina	141,013	13,886	9,550	8,397	8,274	11,739
South Dakota	36,476	4,459	3,716	2,054	1,575	1,738
Tennessee	247,212	27,584	16,098	13,599	11,813	11,812
Texas	3,629,897	285,289	258,544	276,124	278,798	365,651
Utah	125,806	16,584	13,370	8,002	6,382	6,496
Vermont	8,394	1,030	709	503	326	313
Virginia	251,020	33,209	21,022	15,274	11,329	14,450
Washington	^R 238,901	^R 27,398	^R 23,156	16,732	15,679	14,991
West Virginia	NA	NA	8,091	7,209	5,577	5,613
Wisconsin	387,847	47,431	36,643	24,663	16,556	17,273
Wyoming	67,612	7,265	5,454	5,111	4,406	4,200
Total	^R20,193,120	^R2,088,529	^R1,584,843	1,388,697	1,248,892	1,468,087

See footnotes at end of table.

Table 19. Natural Gas Deliveries to All Consumers, by State, 2002-2004
(Million Cubic Feet) — Continued

State	2003					
	July	June	May	April	March	February
Alabama	26,958	21,129	20,106	23,056	25,944	33,643
Alaska	11,043	NA	11,086	12,044	12,067	10,442
Arizona	24,717	16,611	14,446	16,496	21,284	18,247
Arkansas	12,885	12,749	15,240	18,188	22,714	27,068
California	180,450	144,778	148,903	156,670	186,419	NA
Colorado	22,686	18,769	25,031	25,481	38,175	46,928
Connecticut	8,573	7,995	9,924	13,700	17,189	18,502
Delaware	3,578	2,477	2,132	3,532	4,884	5,644
District of Columbia	1,131	1,151	1,600	2,552	3,730	5,133
Florida	62,830	56,995	61,734	51,239	54,053	NA
Georgia	23,277	19,011	20,972	27,156	30,105	41,259
Hawaii	225	219	227	229	235	237
Idaho	3,037	3,294	4,393	5,279	6,477	6,728
Illinois	39,228	38,293	47,025	74,433	114,277	146,910
Indiana	24,850	25,553	31,552	36,363	52,582	70,309
Iowa	9,837	10,116	12,407	16,839	25,407	32,393
Kansas	15,602	11,439	13,400	17,147	27,426	31,533
Kentucky	9,498	9,328	10,800	14,022	20,602	28,947
Louisiana	86,692	72,508	82,280	81,337	82,972	^R 85,280
Maine	7,331	5,722	4,625	5,704	5,370	4,748
Maryland	10,672	8,779	10,660	15,597	21,162	28,458
Massachusetts	31,777	28,714	30,121	35,961	44,541	48,779
Michigan	35,974	37,757	53,996	78,714	112,669	134,058
Minnesota	15,422	12,906	18,222	26,556	39,308	50,689
Mississippi	19,723	18,510	17,826	19,426	21,527	26,678
Missouri	13,066	10,724	13,549	21,355	33,907	42,745
Montana	2,040	2,726	3,510	4,676	6,693	6,964
Nebraska	7,711	4,496	6,198	8,716	13,447	15,394
Nevada	17,093	13,335	11,982	12,372	15,123	14,933
New Hampshire	1,015	1,151	1,753	2,472	3,335	NA
New Jersey	34,512	27,686	36,842	51,815	69,160	84,391
New Mexico	8,274	7,408	8,378	9,674	12,380	12,971
New York	63,775	55,797	68,629	94,890	131,398	147,259
North Carolina	13,452	9,505	14,748	17,621	21,962	31,055
North Dakota	1,278	1,612	2,036	2,494	4,145	4,580
Ohio	32,689	33,125	44,851	66,456	101,558	125,221
Oklahoma	44,895	27,880	28,176	30,719	38,040	41,806
Oregon	16,593	11,174	12,177	13,903	18,136	19,516
Pennsylvania	30,318	29,122	36,041	53,733	79,168	96,053
Rhode Island	5,830	4,902	4,332	5,488	8,281	9,205
South Carolina	9,850	8,209	9,787	11,868	12,536	17,228
South Dakota	1,790	1,684	1,900	2,898	4,339	5,034
Tennessee	11,518	13,573	14,980	19,102	28,223	37,896
Texas	366,658	289,201	298,271	266,873	296,290	312,106
Utah	6,470	5,801	7,111	10,773	12,948	15,982
Vermont	294	368	540	907	1,062	1,191
Virginia	13,962	11,873	14,060	18,100	25,646	32,215
Washington	15,310	11,402	14,881	19,244	26,029	26,198
West Virginia	^R 5,025	5,021	5,928	^R 7,610	NA	14,547
Wisconsin	15,653	15,617	20,871	31,961	44,050	55,305
Wyoming	4,142	4,427	5,020	5,811	7,054	7,094
Total	^R1,432,517	1,204,924	1,356,565	^R1,570,514	2,017,520	^R2,326,663

See footnotes at end of table.

Table 19. Natural Gas Deliveries to All Consumers, by State, 2002-2004

(Million Cubic Feet) — Continued

State	2003	2002				
	January	Total	December	November	October	September
Alabama	39,186	340,925	30,757	22,608	22,513	26,558
Alaska	12,083	129,292	11,621	10,291	10,827	9,717
Arizona	14,893	230,374	21,648	17,704	19,107	20,983
Arkansas	26,870	233,046	21,567	17,770	16,932	16,789
California	NA	2,218,924	208,568	170,370	177,029	177,934
Colorado	43,941	409,504	47,234	39,239	35,003	22,103
Connecticut	19,791	175,072	18,625	14,214	11,230	12,069
Delaware	NA	52,167	5,597	3,936	3,843	4,170
District of Columbia	5,963	32,656	5,436	3,889	2,189	1,202
Florida	NA	691,075	46,289	48,749	65,473	66,250
Georgia	56,056	375,567	47,106	32,829	23,785	24,899
Hawaii	251	2,734	236	227	215	224
Idaho	7,486	65,040	6,958	5,909	4,121	3,265
Illinois	167,588	1,036,437	131,692	100,924	70,116	43,652
Indiana	80,592	533,754	68,056	49,556	37,204	28,357
Iowa	31,359	215,466	27,222	22,217	14,560	10,403
Kansas	33,713	239,044	26,326	21,903	12,976	15,899
Kentucky	34,682	210,263	27,491	20,911	14,476	10,996
Louisiana	*98,605	1,194,118	102,323	96,945	94,141	98,066
Maine	7,994	100,659	8,845	8,866	8,405	8,186
Maryland	31,650	193,766	28,827	20,408	12,911	10,157
Massachusetts	48,533	388,972	45,435	31,958	27,484	25,422
Michigan	140,458	926,300	114,382	82,091	53,442	40,929
Minnesota	53,948	348,523	45,016	37,198	27,419	14,868
Mississippi	32,498	312,237	24,434	18,427	19,658	24,488
Missouri	42,572	272,700	32,800	22,911	14,002	11,779
Montana	6,610	58,451	6,147	5,929	4,300	2,711
Nebraska	15,788	117,429	13,269	9,753	6,218	6,786
Nevada	16,728	175,739	16,521	14,840	13,798	13,988
New Hampshire	NA	24,841	3,507	1,847	1,038	1,381
New Jersey	87,415	597,158	78,844	53,058	35,116	34,515
New Mexico	13,947	122,917	12,618	9,245	7,270	6,710
New York	143,694	1,190,745	130,678	106,098	77,281	74,748
North Carolina	34,075	229,338	27,257	19,024	15,047	13,640
North Dakota	5,456	42,569	4,743	3,908	3,550	1,988
Ohio	136,468	815,051	108,901	76,391	52,099	35,117
Oklahoma	43,650	429,141	34,573	27,196	26,057	34,006
Oregon	23,513	193,006	20,005	16,780	14,195	12,978
Pennsylvania	101,485	631,111	83,789	58,460	40,386	30,359
Rhode Island	9,988	87,472	9,553	8,981	5,720	5,630
South Carolina	19,689	184,422	16,473	12,517	11,176	11,840
South Dakota	5,290	28,379	3,603	3,233	2,116	1,017
Tennessee	41,014	243,955	31,835	20,337	13,431	11,102
Texas	336,092	3,963,152	304,910	278,785	290,346	318,909
Utah	15,888	135,699	16,447	13,814	11,589	7,591
Vermont	1,153	8,353	1,003	803	485	348
Virginia	39,882	247,351	32,089	22,349	16,512	14,992
Washington	27,881	227,360	25,818	20,551	15,045	12,459
West Virginia	15,104	103,081	12,944	10,007	6,779	4,800
Wisconsin	61,823	381,498	49,912	39,330	28,429	16,659
Wyoming	7,630	69,633	7,441	6,741	5,842	4,389
Total	*2,505,370	21,236,462	2,208,643	1,763,258	1,504,158	1,409,259

^R Revised Data.

NA Not Available.

Notes: Geographic coverage is the 50 States and the District of Columbia. Gas volumes delivered for use as vehicle fuel are included in the State annual totals through 2002 but not in the State monthly components. See

Appendix A, Explanatory Note 7 for discussion of computations and revision policy.

Sources: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers" and Form EIA-906, "Power Plant Report."

Table 20. Average City Gate Price, by State, 2002-2004
(Dollars per Thousand Cubic Feet)

State	YTD 2004	YTD 2003	YTD 2002	2004			2003	
				March	February	January	Total	December
Alabama	6.20	5.43	4.67	6.14	6.22	6.23	6.07	6.29
Alaska	3.11	2.30	2.42	3.05	3.50	2.89	NA	2.33
Arizona	5.37	4.74	3.44	5.35	5.31	5.44	4.87	5.32
Arkansas	6.56	5.42	5.13	6.50	6.55	6.60	6.07	6.72
California	5.49	5.75	2.61	5.04	5.44	5.80	5.20	4.76
Colorado	5.38	4.10	2.90	5.22	5.62	5.27	4.11	4.67
Connecticut	6.82	6.87	5.73	6.64	6.64	^R 7.07	5.59	4.89
Delaware	5.98	6.46	4.86	5.57	5.84	6.32	5.88	5.62
District of Columbia	—	—	—	—	—	—	—	—
Florida	6.23	6.12	3.39	6.02	6.21	6.40	5.87	6.25
Georgia	6.44	6.65	3.28	5.76	6.31	6.93	6.24	6.25
Hawaii	9.12	8.30	6.21	9.06	9.25	9.05	8.63	8.19
Idaho	5.25	3.53	3.63	5.78	5.03	5.25	4.27	4.97
Illinois	6.21	6.58	3.27	6.48	6.11	6.14	5.97	6.08
Indiana	6.24	6.29	3.36	6.41	6.12	6.24	6.19	6.13
Iowa	6.57	6.23	3.49	6.47	6.43	6.74	6.19	6.42
Kansas	6.45	6.33	3.81	6.32	6.59	6.43	6.00	5.66
Kentucky	7.04	5.68	4.27	7.04	7.16	6.96	6.11	6.83
Louisiana	6.34	NA	3.48	5.77	6.03	7.07	NA	5.84
Maine	NA	8.19	6.85	7.93	7.80	NA	7.45	9.08
Maryland	7.23	6.95	4.36	7.02	7.29	7.30	6.88	6.60
Massachusetts	NA	7.96	4.12	6.53	8.00	NA	NA	NA
Michigan	6.05	5.30	4.58	5.78	6.08	6.27	5.32	5.50
Minnesota	6.22	6.30	3.55	6.52	6.69	5.66	6.05	6.85
Mississippi	6.15	NA	3.90	6.55	6.03	6.08	NA	6.08
Missouri	6.36	5.72	3.87	6.48	6.31	6.35	6.10	5.87
Montana	6.20	5.24	2.83	6.05	6.21	6.32	5.04	5.13
Nebraska	6.41	5.64	3.67	6.30	6.51	6.38	5.70	5.68
Nevada	6.68	4.78	4.30	6.94	6.51	6.70	5.67	6.46
New Hampshire	NA	NA	3.83	NA	NA	NA	NA	NA
New Jersey	7.46	7.06	4.67	7.23	7.53	7.55	7.17	7.22
New Mexico	5.14	5.17	2.48	4.62	5.22	5.40	4.78	4.84
New York	6.36	6.05	3.89	5.73	6.38	6.80	5.61	5.52
North Carolina	6.62	6.74	3.88	6.54	6.75	6.56	NA	6.17
North Dakota	6.36	5.60	3.36	6.25	6.61	6.23	5.78	6.36
Ohio	7.12	6.93	4.23	8.34	7.24	6.52	^R 6.64	5.68
Oklahoma	6.34	5.67	3.97	6.31	6.48	6.21	5.80	6.17
Oregon	5.44	4.43	4.99	5.67	5.47	5.28	NA	5.51
Pennsylvania	6.95	6.16	4.78	7.42	7.03	6.66	6.51	6.51
Rhode Island	6.64	5.86	3.98	6.15	5.94	7.40	6.94	6.59
South Carolina	6.90	6.74	4.56	6.84	6.88	6.98	6.70	6.27
South Dakota	6.34	6.06	3.94	6.59	6.36	6.18	6.07	6.23
Tennessee	6.45	6.17	4.04	6.45	6.58	6.34	5.95	6.25
Texas	5.74	6.32	3.31	5.25	5.61	6.03	5.57	5.67
Utah	5.41	4.82	4.36	5.12	5.48	5.49	4.74	5.55
Vermont	4.33	5.26	5.06	4.22	4.53	4.24	5.17	5.15
Virginia	6.95	6.19	3.77	6.78	6.93	7.06	6.60	6.60
Washington	NA	5.07	3.34	4.75	5.39	NA	5.07	5.10
West Virginia	6.41	5.29	3.86	6.55	6.41	6.33	5.77	5.64
Wisconsin	6.24	6.16	3.63	6.08	6.33	6.26	6.19	5.80
Wyoming	5.65	2.67	3.96	5.62	5.86	5.48	2.52	3.85
Total	6.34	6.12	3.80	6.22	6.34	^R 6.40	^R 5.86	5.90

See footnotes at end of table.

Table 20. Average City Gate Price, by State, 2002-2004

(Dollars per Thousand Cubic Feet) — Continued

State	2003							
	November	October	September	August	July	June	May	April
Alabama	6.57	6.49	5.01	6.91	8.50	8.39	6.76	6.04
Alaska	2.37	2.34	2.35	2.57	2.12	NA	2.37	2.36
Arizona	5.08	4.74	4.88	4.84	5.06	5.17	4.78	4.22
Arkansas	7.35	7.46	7.26	7.27	6.46	6.99	6.94	5.25
California	4.72	4.83	5.32	5.19	4.85	6.63	5.05	4.75
Colorado	4.35	3.62	4.43	2.79	3.12	2.18	5.76	4.21
Connecticut	4.71	4.80	3.55	4.85	4.77	5.53	5.58	5.26
Delaware	5.20	4.94	5.27	5.04	5.40	5.92	5.31	5.36
District of Columbia	—	—	—	—	—	—	—	—
Florida	5.69	5.28	5.28	5.44	5.73	6.48	5.80	5.86
Georgia	5.85	5.56	5.51	5.27	5.97	6.48	6.45	6.07
Hawaii	8.52	8.58	8.79	8.37	7.97	8.96	9.53	9.84
Idaho	4.68	4.23	4.49	4.81	5.62	6.82	4.78	4.12
Illinois	5.72	5.00	5.16	5.02	5.20	6.11	5.68	5.12
Indiana	5.69	5.75	6.01	6.38	7.57	7.15	5.74	5.96
Iowa	5.39	4.96	5.95	6.38	7.23	7.00	6.37	6.96
Kansas	5.12	5.29	5.55	6.06	6.32	6.75	5.95	6.30
Kentucky	6.36	6.25	6.18	6.15	6.13	6.78	6.07	6.78
Louisiana	5.36	5.11	5.29	5.11	5.69	6.25	5.68	4.49
Maine	9.88	9.42	7.53	9.39	4.75	5.01	6.08	4.39
Maryland	6.58	6.60	7.24	5.99	7.45	8.48	6.98	6.83
Massachusetts	6.59	6.30	6.64	6.85	7.87	9.31	6.67	7.05
Michigan	5.38	5.13	5.26	5.26	5.48	5.80	5.21	4.95
Minnesota	5.98	5.02	5.35	5.65	5.98	5.55	5.06	5.56
Mississippi	5.49	5.63	6.24	5.51	6.40	6.81	5.77	5.81
Missouri	5.96	6.48	7.56	8.27	7.61	8.45	7.12	6.18
Montana	4.74	4.89	4.73	4.83	5.27	5.35	4.94	4.68
Nebraska	5.31	5.63	5.73	5.61	5.89	5.82	6.42	6.16
Nevada	5.62	5.79	5.92	5.52	5.90	6.48	6.48	6.72
New Hampshire	8.43	7.30	6.85	8.77	7.17	6.86	5.95	NA
New Jersey	6.68	7.83	7.39	7.16	7.88	7.87	7.10	7.01
New Mexico	4.44	4.63	4.45	4.12	4.53	4.70	4.04	4.23
New York	5.46	4.90	5.06	4.81	5.06	5.74	5.71	5.46
North Carolina	6.90	NA	7.11	7.05	7.51	8.07	7.34	7.17
North Dakota	5.57	5.55	5.29	7.27	7.79	7.05	5.47	5.00
Ohio	6.41	5.73	5.24	^R 5.14	11.95	7.99	^R 5.49	9.74
Oklahoma	6.36	5.42	5.36	5.53	5.33	5.90	6.04	5.45
Oregon	5.20	5.40	6.02	6.00	NA	6.18	5.19	4.97
Pennsylvania	6.30	6.00	7.46	7.24	8.02	8.78	7.01	6.89
Rhode Island	6.24	7.10	11.81	12.76	12.64	11.59	8.31	6.44
South Carolina	6.23	6.08	6.87	6.67	7.38	7.94	7.06	6.66
South Dakota	4.97	4.89	5.58	6.29	8.00	7.32	6.62	7.07
Tennessee	5.64	5.31	5.55	5.45	5.68	6.32	5.59	5.63
Texas	4.90	4.61	5.07	5.02	5.30	6.02	4.87	5.03
Utah	4.50	3.57	5.98	5.82	5.94	4.39	3.62	3.76
Vermont	4.84	5.44	5.69	4.40	4.72	4.98	5.30	5.17
Virginia	6.23	6.54	8.54	7.94	7.04	7.77	7.85	6.92
Washington	4.59	4.87	6.22	5.66	6.15	6.22	5.35	4.82
West Virginia	5.91	6.21	6.05	6.18	6.80	6.65	5.83	5.92
Wisconsin	5.40	5.64	7.28	7.12	7.98	8.27	6.74	6.11
Wyoming	4.38	2.30	1.76	1.49	1.48	1.53	2.01	1.90
Total	5.50	5.25	5.58	^R5.50	5.82	6.40	^R5.67	5.61

See footnotes at end of table.

Table 20. Average City Gate Price, by State, 2002-2004

(Dollars per Thousand Cubic Feet) — Continued

State	2003			2002				
	March	February	January	Total	December	November	October	September
Alabama	7.55	5.19	4.66	4.74	4.57	4.97	5.05	4.69
Alaska	2.30	2.22	2.35	2.36	2.44	2.46	2.27	2.39
Arizona	5.21	4.74	4.32	3.77	4.12	3.92	3.77	4.32
Arkansas	5.00	5.72	5.49	5.17	5.41	5.21	5.07	4.89
California	6.68	4.89	4.80	3.20	4.31	4.04	3.35	2.86
Colorado	4.90	3.93	3.62	2.72	3.28	3.01	2.08	1.70
Connecticut	7.49	5.89	7.33	6.42	6.55	6.48	6.32	8.41
Delaware	8.66	6.13	5.36	5.37	4.38	9.84	8.54	5.32
District of Columbia	—	—	—	—	—	—	—	—
Florida	7.20	5.83	5.49	3.90	4.83	4.74	4.27	3.66
Georgia	8.66	6.46	5.88	4.55	5.36	5.67	5.18	5.27
Hawaii	8.72	8.30	7.89	7.17	7.90	8.20	7.78	7.76
Idaho	4.28	3.20	3.29	3.66	3.10	3.11	3.38	5.90
Illinois	8.69	6.55	5.34	3.68	3.10	4.51	4.49	4.68
Indiana	8.14	6.21	5.31	3.58	4.10	4.31	3.66	2.96
Iowa	8.15	5.83	5.30	4.16	5.11	4.79	4.41	4.17
Kansas	8.61	5.67	5.33	4.12	5.25	5.07	3.92	3.47
Kentucky	7.30	5.71	4.98	4.45	4.72	4.71	4.35	3.91
Louisiana	NA	NA	5.51	4.07	5.31	5.02	4.43	4.25
Maine	8.85	8.01	7.82	6.74	6.87	8.04	6.97	6.76
Maryland	8.93	6.90	5.92	4.94	5.47	5.24	5.45	5.69
Massachusetts	10.15	7.17	7.16	5.20	5.87	5.34	5.83	6.93
Michigan	6.58	4.86	4.38	4.10	4.18	4.11	3.87	3.96
Minnesota	8.48	5.89	5.09	4.03	5.08	4.91	4.08	3.96
Mississippi	NA	5.97	5.24	4.22	4.79	4.93	4.57	4.12
Missouri	8.39	5.22	4.75	4.56	4.78	4.92	4.89	5.79
Montana	6.17	5.18	4.61	2.98	4.82	3.70	2.86	2.53
Nebraska	7.38	5.19	4.78	4.09	4.88	4.59	4.03	3.98
Nevada	6.65	4.09	4.04	4.39	4.68	4.45	4.33	4.87
New Hampshire	8.42	NA	NA	4.38	5.94	4.18	4.70	4.53
New Jersey	9.29	6.61	6.08	5.33	5.87	5.96	5.98	5.75
New Mexico	5.70	5.34	4.62	2.91	4.04	3.58	2.96	2.20
New York	7.25	5.78	5.41	3.90	5.21	4.63	4.19	2.91
North Carolina	9.58	6.24	5.67	4.52	5.20	5.15	4.86	4.75
North Dakota	7.00	5.21	4.89	3.68	5.38	4.42	3.19	3.21
Ohio	8.51	7.05	6.01	4.68	5.00	4.86	7.24	4.34
Oklahoma	7.81	5.30	4.84	4.24	4.72	4.93	4.37	4.20
Oregon	4.25	4.37	4.64	5.25	4.69	4.76	5.41	6.58
Pennsylvania	7.72	6.13	5.44	5.20	5.20	5.12	5.46	6.78
Rhode Island	8.98	5.98	4.35	5.01	4.47	5.11	6.18	8.07
South Carolina	9.45	6.28	5.72	4.91	4.89	4.96	5.14	5.19
South Dakota	8.50	5.38	5.03	4.21	5.13	4.23	3.32	3.71
Tennessee	7.68	6.14	5.45	4.13	4.80	4.54	4.01	3.70
Texas	7.54	6.13	5.52	3.86	4.65	4.55	4.49	3.66
Utah	4.32	5.12	4.97	4.07	4.56	3.81	3.53	3.93
Vermont	4.73	5.52	5.43	4.85	4.54	4.30	4.43	5.14
Virginia	6.69	6.56	5.65	4.64	5.52	4.73	5.41	5.98
Washington	6.44	4.48	4.48	3.83	4.24	4.45	3.51	3.81
West Virginia	6.15	4.86	5.09	4.28	3.84	4.63	4.45	5.84
Wisconsin	8.36	5.73	5.03	4.36	4.90	5.01	4.57	5.56
Wyoming	2.98	2.59	2.47	2.87	2.51	2.04	1.51	3.99
Total	7.60	5.86	5.31	4.12	4.74	4.65	4.32	3.99

^R Revised Data.

NA Not Available.

— Not Applicable.

Notes: Geographic coverage is the 50 States and the District of Columbia. Prices in this table represent the average price of natural gas by State at the

point where the gas transferred from a pipeline to a local distribution company within the State. See Appendix A, Explanatory Note 9 for discussion of computations and revision policy.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 21. Average Price of Natural Gas Sold to Residential Consumers, by State, 2002-2004

(Dollars per Thousand Cubic Feet)

State	YTD 2004	YTD 2003	YTD 2002	2004			2003	
				March	February	January	Total	December
Alabama	11.73	9.87	9.63	12.34	11.49	11.58	11.76	12.27
Alaska	4.60	4.28	4.48	4.67	4.66	4.51	NA	4.42
Arizona	10.69	9.98	11.38	11.29	10.60	10.36	11.39	10.65
Arkansas	10.25	8.63	8.84	10.70	9.98	10.20	10.33	10.32
California	9.66	9.05	6.67	8.78	9.94	9.96	9.17	9.06
Colorado	7.51	4.81	5.36	7.90	7.42	7.37	6.63	7.33
Connecticut	13.14	12.38	10.64	13.63	13.04	12.89	NA	12.61
Delaware	NA	9.53	10.17	12.09	NA	9.89	10.52	10.98
District of Columbia	13.15	12.53	10.46	12.97	13.03	13.31	13.09	12.91
Florida	16.13	14.49	11.82	16.69	16.07	15.74	17.11	16.62
Georgia	11.74	10.75	8.91	13.68	11.65	11.05	11.96	10.20
Hawaii	25.52	24.75	23.32	25.92	25.79	24.85	25.16	24.89
Idaho	8.49	6.69	8.86	8.62	8.48	8.42	7.57	8.55
Illinois	8.40	7.96	5.11	8.08	8.37	8.60	8.64	7.91
Indiana	9.30	8.95	6.68	10.41	9.55	8.54	9.40	8.55
Iowa	8.83	8.37	5.75	9.62	8.59	8.57	9.25	9.09
Kansas	9.62	7.32	6.62	10.24	9.85	9.00	8.96	9.36
Kentucky	9.91	7.72	7.04	10.27	9.90	9.73	9.21	9.73
Louisiana	9.45	9.00	6.80	9.31	9.36	9.62	10.30	10.02
Maine	13.59	11.13	11.00	13.76	13.92	13.21	13.05	14.06
Maryland	10.99	9.75	8.79	11.14	10.86	11.01	10.99	10.97
Massachusetts	13.08	11.58	9.72	13.55	13.65	12.16	NA	NA
Michigan	7.62	6.30	5.97	7.64	7.70	7.52	7.26	7.66
Minnesota	8.76	8.43	5.89	8.25	9.09	8.81	8.53	8.44
Mississippi	9.64	NA	7.06	9.46	9.41	9.99	NA	9.26
Missouri	9.75	8.05	7.17	10.06	9.73	9.56	9.49	9.70
Montana	8.42	6.05	5.41	8.74	8.56	8.13	7.08	7.68
Nebraska	7.99	7.17	5.34	8.00	8.05	7.90	7.81	7.38
Nevada	8.59	8.17	9.31	9.12	8.56	8.32	8.96	8.34
New Hampshire	NA	9.71	9.48	NA	NA	NA	11.44	12.91
New Jersey	9.03	7.63	7.05	8.92	8.87	9.25	8.39	9.44
New Mexico	8.05	7.37	6.45	8.54	8.17	7.53	8.37	7.45
New York	11.28	10.16	9.13	11.41	11.21	11.26	11.44	11.18
North Carolina	10.82	9.74	8.34	9.96	^R 10.92	^R 11.26	NA	10.85
North Dakota	7.96	6.77	4.68	8.19	8.22	7.63	7.50	7.62
Ohio	9.59	8.15	7.19	9.66	9.56	9.58	9.07	9.44
Oklahoma	9.01	7.31	7.43	9.45	8.88	8.81	8.71	8.76
Oregon	10.13	9.30	10.55	10.61	10.11	9.86	9.84	10.15
Pennsylvania	11.15	9.63	8.57	11.58	10.97	11.03	10.86	11.03
Rhode Island	12.27	10.75	11.31	12.51	12.10	12.31	11.86	12.72
South Carolina	11.52	10.89	9.26	11.15	11.57	11.73	11.93	11.91
South Dakota	8.54	7.75	6.21	9.48	8.28	8.23	8.49	8.53
Tennessee	9.64	9.33	7.52	9.96	9.49	9.59	9.79	9.44
Texas	8.73	8.19	6.32	9.54	8.42	8.61	9.21	8.69
Utah	7.56	6.87	6.15	8.54	7.38	7.31	7.33	7.81
Vermont	10.20	9.28	9.99	10.33	10.10	10.21	10.05	10.43
Virginia	12.09	10.74	8.72	12.21	12.61	11.64	11.83	11.00
Washington	9.42	7.44	9.64	9.29	9.17	9.64	^R 8.43	9.14
West Virginia	9.99	7.64	8.03	10.27	10.03	9.74	8.77	9.68
Wisconsin	9.46	9.20	6.74	9.22	9.65	9.45	9.28	8.95
Wyoming	7.51	5.85	5.78	8.04	7.49	7.23	7.19	7.63
Total	9.71	8.62	7.26	9.84	9.73	9.60	9.51	9.40

See footnotes at end of table.

Table 21. Average Price of Natural Gas Sold to Residential Consumers, by State, 2002-2004

(Dollars per Thousand Cubic Feet) — Continued

State	2003							
	November	October	September	August	July	June	May	April
Alabama	15.45	15.17	17.07	16.78	12.81	16.56	15.49	14.03
Alaska	4.11	4.30	4.65	5.27	NA	NA	4.60	4.31
Arizona	12.90	14.52	16.47	16.16	15.55	14.26	12.34	11.12
Arkansas	12.22	14.84	16.07	16.25	15.97	15.82	14.37	11.83
California	8.70	9.35	9.65	9.62	9.84	9.53	9.05	9.26
Colorado	7.48	8.69	8.67	10.23	10.53	9.33	8.24	7.39
Connecticut	13.04	14.07	12.34	NA	15.83	14.75	15.39	14.15
Delaware	10.24	11.99	15.11	14.89	13.92	13.47	12.31	10.84
District of Columbia	12.72	13.12	18.43	16.08	17.65	15.56	14.95	13.60
Florida	19.43	20.50	20.86	21.16	21.08	20.59	19.48	18.24
Georgia	11.93	14.17	17.50	18.20	16.80	17.61	14.09	14.14
Hawaii	25.96	25.88	25.73	22.10	25.09	25.30	26.60	26.24
Idaho	8.75	9.41	9.84	10.25	9.16	7.77	7.06	6.94
Illinois	8.42	9.02	11.20	12.16	12.82	12.21	10.76	9.64
Indiana	8.50	9.07	10.44	13.06	13.79	12.57	11.39	11.49
Iowa	8.40	9.55	13.97	13.76	15.20	13.78	10.55	10.33
Kansas	10.53	12.76	13.72	14.61	14.38	13.71	11.33	9.81
Kentucky	10.16	11.93	13.36	14.88	13.79	13.33	12.77	10.54
Louisiana	13.08	12.83	13.30	13.29	12.98	13.84	12.39	10.98
Maine	14.96	14.87	15.84	17.09	17.32	16.14	15.50	13.56
Maryland	11.48	11.75	15.27	15.89	14.27	14.49	13.81	12.06
Massachusetts	12.90	13.02	15.25	15.66	14.88	13.20	13.92	14.18
Michigan	7.86	8.65	10.50	11.08	10.43	9.37	7.95	7.27
Minnesota	8.08	8.20	10.01	10.07	10.52	11.42	8.82	7.91
Mississippi	10.55	11.02	10.51	10.42	11.82	12.08	10.91	9.26
Missouri	10.94	13.09	14.86	15.96	15.37	13.48	11.70	9.67
Montana	7.72	8.62	9.81	10.77	10.25	8.03	6.71	7.09
Nebraska	7.68	9.55	10.89	11.16	11.17	9.88	8.29	8.63
Nevada	9.36	10.91	11.20	11.56	11.01	10.38	9.55	9.15
New Hampshire	13.25	14.07	17.86	17.41	18.24	15.55	11.97	10.44
New Jersey	9.51	9.58	9.79	9.44	9.31	8.84	8.64	8.52
New Mexico	8.88	11.24	11.93	12.95	12.74	10.97	9.23	9.06
New York	11.83	13.51	15.98	15.80	15.75	14.48	12.73	12.03
North Carolina	NA	NA	18.07	19.09	18.17	16.61	14.02	12.10
North Dakota	7.34	8.17	9.73	10.75	12.04	10.74	8.19	7.96
Ohio	9.74	10.17	11.91	12.02	11.77	11.50	10.04	9.67
Oklahoma	11.23	12.80	13.63	13.80	13.53	12.63	11.40	9.38
Oregon	10.52	11.67	11.96	12.07	11.51	10.08	9.27	9.46
Pennsylvania	11.66	12.43	16.12	16.25	15.92	14.00	12.42	11.29
Rhode Island	12.84	14.11	15.93	15.40	12.93	14.15	13.38	11.18
South Carolina	14.12	14.71	16.20	16.13	15.84	15.18	13.50	12.88
South Dakota	7.82	8.87	10.97	12.12	12.74	11.45	9.54	9.61
Tennessee	10.82	12.03	12.12	13.41	13.30	11.35	10.54	9.80
Texas	9.36	11.06	12.93	13.24	12.78	12.68	11.00	10.57
Utah	7.57	7.80	9.04	9.50	9.45	7.77	6.68	6.15
Vermont	10.91	11.68	13.23	13.44	13.07	11.69	10.28	9.60
Virginia	11.88	12.79	18.18	17.33	19.83	17.59	16.35	12.76
Washington	^a 9.31	9.93	10.41	10.87	10.36	9.41	8.68	7.78
West Virginia	10.18	10.48	11.12	13.13	12.59	11.62	9.87	8.86
Wisconsin	8.75	8.70	10.57	11.47	11.45	11.29	9.27	9.39
Wyoming	7.60	8.69	9.64	11.96	12.79	9.28	7.88	6.57
Total	^a9.67	10.54	12.18	12.74	12.53	11.91	10.63	10.05

See footnotes at end of table.

Table 21. Average Price of Natural Gas Sold to Residential Consumers, by State, 2002-2004

(Dollars per Thousand Cubic Feet) — Continued

State	2003			2002				
	March	February	January	Total	December	November	October	September
Alabama	11.18	9.56	9.40	10.53	9.41	11.43	14.47	14.32
Alaska	4.33	4.33	4.20	4.41	4.47	4.41	4.47	4.72
Arizona	10.24	10.18	9.65	12.11	10.33	12.36	14.87	15.90
Arkansas	9.42	8.27	8.35	8.95	8.66	8.30	8.75	10.06
California	9.53	8.83	8.87	7.11	7.75	7.89	7.52	7.28
Colorado	5.59	4.46	4.57	5.62	4.64	4.80	5.27	8.04
Connecticut	14.52	11.57	11.71	11.15	11.01	11.10	11.94	14.45
Delaware	10.69	9.59	8.67	10.53	8.96	10.11	13.07	14.96
District of Columbia	13.73	13.40	11.24	11.01	10.55	11.40	11.59	15.36
Florida	17.64	14.09	13.14	13.61	12.77	15.60	16.53	16.72
Georgia	13.03	11.21	9.52	9.88	9.14	8.59	11.50	13.79
Hawaii	25.60	24.88	23.82	23.10	18.44	22.93	19.51	24.67
Idaho	6.76	6.67	6.64	8.41	6.75	7.10	7.57	8.20
Illinois	10.19	7.38	7.09	6.41	6.94	7.22	7.51	9.66
Indiana	10.96	8.65	8.14	7.68	7.87	7.83	7.63	11.02
Iowa	9.83	7.86	7.79	7.08	7.79	7.47	8.47	12.54
Kansas	7.86	7.33	6.88	7.24	6.28	6.49	9.09	10.89
Kentucky	8.90	7.52	7.33	7.52	7.01	7.08	9.00	10.39
Louisiana	10.40	8.79	8.41	8.13	8.84	10.51	11.07	10.30
Maine	12.00	11.77	9.87	11.78	13.70	11.95	11.43	12.19
Maryland	10.97	9.50	9.19	9.61	8.81	9.15	10.31	13.01
Massachusetts	12.42	11.33	11.09	10.05	10.87	10.04	9.91	11.85
Michigan	6.61	6.21	6.13	6.32	6.04	6.25	7.02	8.85
Minnesota	10.89	7.85	7.25	6.61	7.08	7.22	6.63	7.89
Mississippi	NA	NA	8.84	7.76	7.62	9.18	10.15	9.97
Missouri	8.49	8.01	7.75	8.00	7.80	8.03	10.16	12.56
Montana	6.32	6.02	5.84	5.30	5.01	4.68	4.90	6.10
Nebraska	8.27	6.84	6.50	6.18	6.37	6.50	7.73	9.58
Nevada	8.25	8.31	7.99	9.70	8.64	9.80	10.96	11.36
New Hampshire	9.81	9.63	9.69	10.08	10.22	9.74	11.41	12.66
New Jersey	7.91	7.62	7.42	7.23	7.30	7.44	8.19	8.04
New Mexico	8.40	7.29	6.66	7.71	8.07	8.33	10.52	12.20
New York	11.51	9.66	9.48	9.92	9.55	10.15	11.92	13.29
North Carolina	11.03	9.35	9.34	9.37	9.41	9.54	11.54	14.87
North Dakota	8.07	6.39	6.11	5.14	5.41	5.13	4.44	6.43
Ohio	8.54	8.32	7.72	7.61	7.68	7.92	8.63	10.56
Oklahoma	7.79	7.67	6.58	7.78	7.08	7.73	9.60	10.62
Oregon	9.34	9.33	9.23	10.54	9.32	9.59	11.16	12.77
Pennsylvania	10.07	9.47	9.46	9.48	9.19	9.45	11.88	14.04
Rhode Island	10.78	10.67	10.81	11.81	11.05	11.68	13.59	15.19
South Carolina	12.37	10.46	10.34	9.73	9.96	10.60	10.97	11.52
South Dakota	8.92	7.64	6.93	6.93	7.64	6.54	6.70	9.54
Tennessee	9.79	9.33	9.07	8.15	8.25	8.50	9.98	10.79
Texas	9.75	8.57	6.89	7.28	7.00	7.28	8.76	10.68
Utah	6.85	6.61	7.16	6.39	6.78	6.34	5.60	7.49
Vermont	9.29	9.23	9.33	10.39	9.45	9.82	11.77	14.04
Virginia	13.60	10.77	9.27	9.78	9.16	8.87	11.11	15.61
Washington	7.44	7.45	7.43	9.33	7.47	8.19	9.29	10.44
West Virginia	7.26	7.80	7.74	8.44	7.90	8.15	8.94	11.73
Wisconsin	11.45	8.64	8.23	7.35	7.95	8.20	6.85	8.51
Wyoming	5.81	5.94	5.78	5.84	4.47	5.34	5.51	7.90
Total	9.61	8.44	8.07	7.91	7.88	8.01	8.62	10.26

^R Revised Data.

NA Not Available.

Notes: Data through 2002 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 9 for discussion of

computations and revision policy.

Sources: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," and Form EIA-910, "Monthly Natural Gas Marketer Survey."

Table 22. Average Price of Natural Gas Sold to Commercial Consumers, by State, 2002-2004

(Dollars per Thousand Cubic Feet)

State	YTD 2004	YTD 2003	YTD 2002	2004			2003	
				March	February	January	Total	December
Alabama	10.50	9.06	8.67	10.67	10.39	10.48	10.09	10.80
Alaska	4.45	3.62	3.80	4.44	4.54	4.40	NA	3.83
Arizona	7.86	7.64	9.13	8.51	7.02	8.19	7.75	8.12
Arkansas	7.80	6.40	7.01	7.66	7.81	7.94	7.67	8.34
California	8.85	8.35	6.06	8.20	8.88	9.37	8.05	8.43
Colorado	6.89	4.40	4.95	7.30	6.66	6.88	5.83	6.68
Connecticut	11.37	10.82	6.71	10.76	11.73	11.44	10.49	10.02
Delaware	NA	8.28	9.43	10.81	NA	9.08	8.93	9.83
District of Columbia	12.72	12.73	10.13	12.16	12.88	12.95	12.26	12.31
Florida	11.24	10.61	7.77	11.27	11.29	11.16	10.91	10.74
Georgia	9.79	9.34	7.09	10.36	10.07	9.24	9.75	8.17
Hawaii	19.88	18.92	17.18	20.24	19.88	19.54	19.52	19.32
Idaho	7.92	6.06	8.24	7.94	7.92	7.89	6.91	7.93
Illinois	8.06	7.76	6.25	7.04	8.28	8.54	8.28	7.84
Indiana	8.11	8.24	6.12	8.97	7.51	8.22	8.45	7.63
Iowa	7.95	7.34	4.83	8.43	7.77	7.81	7.72	8.13
Kansas	9.51	7.24	6.24	9.85	9.75	9.01	8.45	9.19
Kentucky	9.55	7.37	6.88	9.77	9.55	9.44	8.65	9.51
Louisiana	9.10	8.65	6.38	8.79	9.15	9.31	8.82	9.38
Maine	12.72	10.71	10.03	12.62	12.98	12.58	NA	12.29
Maryland	9.06	8.03	6.90	8.66	9.01	9.41	8.09	8.40
Massachusetts	11.86	10.22	8.81	12.17	12.55	10.88	NA	NA
Michigan	7.41	6.19	5.72	7.42	7.47	7.33	6.89	7.40
Minnesota	8.07	7.85	4.58	7.55	8.30	8.22	7.60	7.56
Mississippi	8.05	NA	6.26	8.39	7.64	8.21	NA	7.25
Missouri	9.53	7.82	7.05	9.68	9.57	9.36	8.65	9.31
Montana	8.36	6.10	5.53	8.64	8.50	8.09	7.04	7.66
Nebraska	7.37	6.89	4.81	7.18	7.50	7.38	6.83	6.67
Nevada	7.64	7.20	8.14	7.82	7.65	7.51	7.25	7.24
New Hampshire	NA	9.06	8.84	NA	NA	NA	10.30	11.84
New Jersey	9.08	8.48	5.72	8.80	9.18	9.15	7.86	7.26
New Mexico	7.24	6.37	5.80	7.65	7.43	6.67	6.74	6.46
New York	9.83	8.81	6.53	9.91	9.94	9.65	8.79	9.34
North Carolina	9.45	8.38	6.95	8.32	9.49	10.16	NA	NA
North Dakota	7.45	6.81	4.51	7.53	7.74	7.20	6.99	7.17
Ohio	8.78	7.69	6.33	8.60	8.86	8.82	8.11	8.59
Oklahoma	9.10	7.40	7.07	9.27	9.01	9.05	8.26	8.89
Oregon	8.48	7.75	8.15	8.69	8.52	8.32	7.90	8.45
Pennsylvania	10.06	8.85	7.48	10.05	10.04	10.08	9.33	9.70
Rhode Island	10.95	9.38	9.95	11.11	10.83	10.96	10.34	11.15
South Carolina	10.25	9.77	7.93	9.87	10.42	10.37	9.97	9.98
South Dakota	7.56	6.78	4.87	8.25	7.32	7.37	7.12	7.59
Tennessee	8.88	8.26	7.19	8.45	9.23	8.85	8.63	9.36
Texas	7.70	7.51	5.05	7.41	7.73	7.87	7.66	7.99
Utah	6.45	5.52	5.21	6.75	6.37	6.39	5.95	6.75
Vermont	8.51	7.77	8.26	8.55	8.47	8.51	8.00	8.55
Virginia	9.69	9.09	6.66	9.37	9.96	9.65	9.44	9.22
Washington	NA	6.68	8.81	8.37	8.31	NA	7.36	8.19
West Virginia	9.45	7.21	7.14	9.67	9.45	9.30	8.08	9.16
Wisconsin	8.41	8.23	5.72	8.05	8.57	8.50	8.02	7.91
Wyoming	6.49	4.70	5.30	6.64	6.50	6.39	5.74	6.66
Total	8.84	7.97	6.42	8.76	8.89	8.85	8.26	8.44

See footnotes at end of table.

Table 22. Average Price of Natural Gas Sold to Commercial Consumers, by State, 2002-2004

(Dollars per Thousand Cubic Feet) — Continued

State	2003							
	November	October	September	August	July	June	May	April
Alabama	11.49	10.97	11.59	10.91	9.85	11.05	11.30	11.56
Alaska	3.73	NA	3.24	3.16	3.05	NA	3.22	3.29
Arizona	8.24	7.97	7.89	7.81	7.56	7.58	7.56	7.35
Arkansas	8.74	8.77	9.29	9.48	9.47	9.72	9.69	8.48
California	7.64	7.55	7.93	7.57	7.85	7.79	7.37	8.72
Colorado	6.92	7.23	6.59	6.92	7.00	6.81	6.68	6.72
Connecticut	10.08	10.03	7.63	10.63	7.08	11.02	11.95	11.85
Delaware	8.71	10.16	9.65	9.63	9.49	10.28	9.93	9.12
District of Columbia	11.86	11.25	10.82	11.35	11.60	11.80	11.63	12.28
Florida	10.36	9.98	10.61	11.11	11.51	11.71	11.71	11.70
Georgia	9.40	10.23	10.98	11.95	11.94	12.15	11.16	11.05
Hawaii	19.64	19.82	19.40	19.31	19.13	19.97	20.63	20.34
Idaho	8.23	8.31	8.34	8.42	7.70	6.64	6.44	6.42
Illinois	8.25	8.39	9.14	10.16	10.89	11.08	9.81	9.21
Indiana	7.83	8.81	8.14	9.78	10.23	10.67	9.58	10.18
Iowa	7.42	6.74	8.47	8.13	9.67	9.14	8.34	8.50
Kansas	10.08	10.90	11.40	11.18	10.87	9.63	9.92	9.52
Kentucky	9.75	11.15	11.16	11.36	10.64	10.49	10.22	9.54
Louisiana	9.56	8.82	8.63	8.54	8.94	9.22	8.72	8.44
Maine	NA	11.68	11.23	11.43	11.58	11.41	12.17	11.53
Maryland	8.35	7.31	7.96	7.94	8.00	8.23	8.32	8.22
Massachusetts	10.47	10.36	12.74	11.35	10.95	10.65	11.53	13.18
Michigan	7.81	7.53	8.74	8.49	8.97	8.23	7.34	6.92
Minnesota	7.23	6.69	7.37	7.47	7.43	8.61	7.27	7.29
Mississippi	6.65	6.43	6.03	6.78	7.62	7.66	7.65	7.56
Missouri	9.77	9.54	10.35	10.47	10.30	10.26	9.60	8.95
Montana	7.72	8.42	9.14	9.29	9.09	7.62	6.84	6.99
Nebraska	6.29	6.49	6.80	6.78	7.13	7.18	6.46	7.48
Nevada	7.45	7.32	7.28	7.25	7.24	7.16	7.21	7.34
New Hampshire	11.95	11.77	13.01	12.03	13.23	14.09	11.39	9.73
New Jersey	6.25	5.71	5.91	6.14	9.15	8.42	13.38	7.71
New Mexico	6.89	7.13	6.96	7.69	7.88	6.94	6.76	7.68
New York	8.61	7.99	7.91	7.80	8.27	9.15	9.48	9.70
North Carolina	11.19	NA	11.06	11.33	11.27	11.18	10.73	10.13
North Dakota	6.84	6.85	8.04	7.55	8.31	8.03	7.13	6.89
Ohio	8.07	8.10	8.45	8.37	8.77	8.90	8.39	9.13
Oklahoma	10.00	9.91	9.99	9.98	10.40	9.87	9.46	8.58
Oregon	8.47	8.22	8.01	8.02	7.92	7.36	7.32	7.72
Pennsylvania	9.45	9.47	9.81	9.61	9.96	10.24	10.47	9.73
Rhode Island	11.40	11.92	13.60	12.80	10.77	11.88	10.46	10.90
South Carolina	10.67	9.65	9.81	9.86	9.87	10.25	9.91	10.73
South Dakota	6.64	6.77	7.79	7.92	8.46	8.37	7.39	7.90
Tennessee	8.96	10.19	8.49	8.99	9.32	8.74	7.93	8.77
Texas	8.24	7.65	7.58	7.21	7.51	7.88	7.59	7.89
Utah	6.70	6.54	7.15	7.09	7.13	5.54	4.98	4.76
Vermont	8.43	8.41	8.24	8.19	8.29	8.07	7.89	7.81
Virginia	9.25	9.19	10.47	10.16	11.12	10.09	10.73	9.93
Washington	8.37	8.06	7.83	8.04	7.88	7.62	7.40	6.71
West Virginia	9.74	9.19	8.56	9.37	8.92	9.26	8.76	8.44
Wisconsin	7.47	7.05	7.98	8.24	8.26	8.65	7.57	8.17
Wyoming	6.58	6.94	7.48	7.68	7.90	6.59	5.55	4.65
Total	8.24	8.17	8.34	8.35	8.68	8.88	8.73	8.76

See footnotes at end of table.

Table 22. Average Price of Natural Gas Sold to Commercial Consumers, by State, 2002-2004

(Dollars per Thousand Cubic Feet) — Continued

State	2003			2002				
	March	February	January	Total	December	November	October	September
Alabama	10.00	8.80	8.70	8.94	8.64	9.15	9.57	9.51
Alaska	3.79	3.77	3.39	3.41	3.28	3.11	3.05	3.55
Arizona	7.71	7.63	7.59	8.42	7.67	8.00	8.19	8.08
Arkansas	7.03	6.09	6.20	7.05	7.00	7.02	6.85	7.26
California	8.73	8.18	8.17	6.07	7.44	7.02	5.84	5.46
Colorado	5.10	4.06	4.16	4.82	4.13	4.35	4.27	5.33
Connecticut	13.35	9.57	10.08	7.18	8.64	8.41	7.75	5.13
Delaware	9.29	8.26	7.61	9.41	8.16	8.85	10.08	10.51
District of Columbia	13.41	12.13	12.71	10.30	9.95	10.54	10.05	10.81
Florida	12.54	10.15	9.56	8.17	8.92	8.69	8.25	8.55
Georgia	11.61	9.55	8.09	8.10	7.57	7.73	8.89	9.48
Hawaii	19.55	18.65	18.59	17.81	18.89	17.42	18.55	18.38
Idaho	6.09	6.05	6.03	7.73	6.11	6.58	6.71	6.77
Illinois	9.50	7.21	7.00	7.46	8.13	8.35	8.30	9.32
Indiana	9.79	7.82	7.71	6.83	7.06	6.85	6.29	7.99
Iowa	8.50	6.97	6.82	5.51	6.11	6.03	5.94	6.84
Kansas	7.67	7.29	6.80	6.51	6.43	5.85	7.01	7.08
Kentucky	8.11	7.30	7.00	7.02	6.87	7.18	7.19	7.97
Louisiana	9.82	8.30	8.08	6.79	7.85	7.99	7.41	6.76
Maine	11.11	11.01	10.13	9.55	11.29	10.53	8.24	7.74
Maryland	8.95	7.85	7.58	6.84	6.97	6.85	6.83	6.40
Massachusetts	11.57	10.76	8.80	8.81	11.11	9.66	6.45	7.39
Michigan	6.55	6.07	6.03	5.97	6.14	5.93	6.42	7.41
Minnesota	10.22	7.28	6.64	5.57	6.67	6.62	5.73	5.75
Mississippi	NA	7.78	7.52	6.45	6.93	7.13	6.85	6.16
Missouri	8.18	7.81	7.53	7.34	7.75	7.54	7.80	8.18
Montana	6.37	6.10	5.87	5.37	5.13	4.77	4.77	5.73
Nebraska	8.09	6.58	6.13	5.11	5.99	5.62	4.97	4.90
Nevada	7.06	7.34	7.19	7.71	7.50	7.80	7.79	7.58
New Hampshire	9.26	9.04	8.92	8.51	7.66	7.56	9.04	8.14
New Jersey	9.98	8.09	7.57	6.26	7.19	7.03	7.19	6.42
New Mexico	7.25	6.28	5.75	6.19	7.30	6.81	6.70	6.88
New York	10.01	8.53	8.03	6.43	7.57	6.60	6.42	5.57
North Carolina	9.41	8.07	8.02	7.25	7.77	7.95	7.43	7.76
North Dakota	8.80	6.25	5.78	4.54	4.95	4.72	3.85	4.16
Ohio	8.25	7.89	7.14	6.45	6.85	6.83	6.80	6.70
Oklahoma	7.73	7.63	6.87	6.95	6.83	6.74	7.32	7.24
Oregon	7.77	7.74	7.76	7.86	6.93	6.91	7.71	8.30
Pennsylvania	9.52	8.92	8.29	7.75	8.15	8.13	8.26	7.76
Rhode Island	9.35	9.35	9.43	10.06	9.28	10.09	10.03	11.56
South Carolina	11.37	9.52	8.90	7.92	8.65	8.57	7.50	7.46
South Dakota	7.89	6.60	6.05	5.26	6.17	5.24	4.87	5.63
Tennessee	9.61	8.51	7.13	7.37	7.63	7.47	7.70	7.51
Texas	8.68	7.90	6.31	5.49	6.22	6.24	6.10	5.44
Utah	5.57	5.34	5.66	5.20	5.55	5.31	4.56	5.43
Vermont	7.74	7.78	7.79	8.20	7.80	7.81	8.08	8.63
Virginia	11.28	9.16	7.76	7.20	7.71	6.96	6.97	8.17
Washington	6.68	6.69	6.67	8.24	6.66	7.23	7.74	8.03
West Virginia	7.39	7.17	7.13	7.38	7.01	7.28	7.57	8.97
Wisconsin	10.29	7.66	7.30	6.11	6.94	6.97	5.45	5.80
Wyoming	4.88	4.66	4.59	5.03	3.79	4.29	4.46	5.19
Total	8.96	7.83	7.34	6.64	7.18	6.91	6.65	6.55

^R Revised Data.

NA Not Available.

Notes: Data through 2002 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Average prices for gas delivered to commercial consumers reflect onsystem sales prices only except in the States of Georgia, Maryland, New York, Ohio and Pennsylvania. See Appendix A, Explanatory Note 9 for

discussion of computations and revision policy. See Table 25 for data on onsystem sales expressed as a percentage of both total commercial and total industrial deliveries.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," and Form EIA-910, "Monthly Natural Gas Marketer Survey."

Table 23. Average Price of Natural Gas Sold to Industrial Consumers, by State, 2002-2004

(Dollars per Thousand Cubic Feet)

State	YTD 2004	YTD 2003	YTD 2002	2004			2003	
				March	February	January	Total	December
Alabama	7.23	7.46	5.58	6.79	7.36	7.49	6.66	6.68
Alaska	2.03	1.75	1.70	2.06	2.09	1.92	NA	1.84
Arizona	7.09	6.64	7.06	7.65	6.74	7.06	6.52	6.31
Arkansas	7.32	5.86	5.64	6.76	7.17	7.98	6.90	7.72
California	7.98	7.42	4.74	7.68	7.84	8.52	7.21	7.51
Colorado	NA	4.96	5.90	7.05	NA	9.05	3.89	8.04
Connecticut	NA	8.07	5.07	8.41	8.90	NA	7.23	7.23
Delaware	NA	6.09	6.25	6.84	NA	6.46	6.45	6.84
District of Columbia	—	—	—	—	—	—	—	—
Florida	8.44	5.83	5.42	8.88	8.40	8.08	NA	7.88
Georgia	7.71	NA	3.73	6.96	8.06	8.04	NA	6.62
Hawaii	12.20	10.97	9.62	12.14	12.37	12.10	11.82	11.93
Idaho	6.64	5.45	7.94	6.62	6.65	6.64	5.89	6.40
Illinois	7.81	7.20	4.23	7.58	8.05	7.76	7.21	7.42
Indiana	9.73	8.31	5.78	7.91	9.90	11.12	NA	NA
Iowa	6.92	6.80	4.85	6.82	6.70	7.19	6.56	7.26
Kansas	7.30	6.98	4.11	6.55	8.38	7.60	6.48	6.95
Kentucky	7.46	6.86	4.57	7.01	7.55	7.73	6.68	7.05
Louisiana	6.03	6.35	3.22	5.58	5.96	6.58	5.55	5.50
Maine	11.05	10.10	8.98	10.47	11.76	10.85	10.23	10.21
Maryland	10.02	9.41	7.23	10.41	10.81	9.16	9.57	7.49
Massachusetts	11.23	9.79	7.59	11.57	11.81	10.34	NA	NA
Michigan	6.62	5.10	4.99	6.46	6.79	6.63	5.60	6.57
Minnesota	6.48	6.53	3.43	6.07	6.72	6.59	5.90	5.91
Mississippi	7.56	6.98	3.89	6.07	8.36	8.19	6.54	6.51
Missouri	8.57	7.42	5.55	8.15	8.91	8.52	8.00	8.40
Montana	8.15	4.85	2.78	8.51	8.13	7.90	NA	7.43
Nebraska	NA	5.75	3.97	6.02	6.36	NA	5.74	5.62
Nevada	8.34	8.63	7.59	8.67	8.25	8.23	8.68	8.38
New Hampshire	NA	8.34	8.70	NA	NA	NA	9.53	10.94
New Jersey	8.03	7.65	4.28	7.49	8.55	7.92	6.83	6.51
New Mexico	7.31	6.31	4.56	7.22	7.62	7.13	6.14	5.98
New York	8.72	7.94	6.00	8.71	9.08	8.32	7.82	7.92
North Carolina	7.97	5.93	4.41	7.48	8.18	8.11	NA	7.16
North Dakota	6.06	5.88	3.81	6.02	6.58	5.69	5.60	6.22
Ohio	9.12	7.56	5.66	9.18	8.97	9.24	8.32	9.13
Oklahoma	8.65	6.77	6.66	8.86	8.33	8.83	7.44	8.00
Oregon	6.00	6.07	7.36	6.01	6.03	5.95	5.84	5.90
Pennsylvania	9.17	8.61	6.83	8.45	9.52	9.56	8.11	8.42
Rhode Island	9.07	7.24	4.37	9.15	9.01	9.08	NA	NA
South Carolina	7.40	7.71	3.70	6.73	7.60	7.88	6.96	6.94
South Dakota	6.31	5.55	4.13	6.22	6.25	6.45	5.70	6.16
Tennessee	6.29	7.14	5.39	5.90	6.43	6.51	5.83	5.83
Texas	5.43	6.37	2.71	5.09	5.40	5.79	5.39	5.05
Utah	5.88	4.54	4.79	5.75	5.92	5.94	5.03	5.74
Vermont	5.85	4.90	4.41	5.51	6.04	6.12	5.08	5.90
Virginia	NA	NA	5.31	8.30	NA	8.60	NA	6.89
Washington	NA	5.12	5.37	7.08	7.22	NA	^R 6.06	^R 7.09
West Virginia	7.11	NA	3.58	6.42	7.26	7.65	NA	6.33
Wisconsin	7.75	7.71	4.99	6.88	8.12	8.09	7.33	7.12
Wyoming	5.28	5.84	4.43	5.22	5.26	5.35	6.72	7.91
Total	6.30	6.56	3.85	5.85	6.39	6.63	5.78	^R5.78

See footnotes at end of table.

Table 23. Average Price of Natural Gas Sold to Industrial Consumers, by State, 2002-2004

(Dollars per Thousand Cubic Feet) — Continued

State	2003							
	November	October	September	August	July	June	May	April
Alabama	5.91	5.94	6.15	6.07	6.01	6.95	6.59	6.63
Alaska	1.95	1.91	1.87	1.87	1.95	NA	1.63	1.69
Arizona	6.71	6.27	7.15	6.53	6.68	6.25	6.48	5.97
Arkansas	7.56	7.71	7.09	7.44	7.02	7.32	7.20	6.58
California	6.91	6.95	7.19	6.95	6.94	7.04	6.67	7.87
Colorado	6.95	5.47	3.49	3.44	3.49	3.71	3.62	3.60
Connecticut	6.31	6.36	6.55	6.25	6.83	7.32	6.76	8.22
Delaware	6.16	6.03	7.36	6.79	6.46	6.87	6.80	6.80
District of Columbia	—	—	—	—	—	—	—	—
Florida	7.45	8.09	8.25	8.36	NA	6.80	7.16	7.30
Georgia	6.36	6.14	5.84	5.88	NA	4.61	4.57	4.64
Hawaii	12.17	12.29	12.15	12.14	11.82	12.19	12.35	12.15
Idaho	6.55	6.38	6.35	6.50	6.40	5.21	5.24	5.26
Illinois	6.67	6.88	7.17	7.25	8.09	8.22	6.61	7.35
Indiana	6.72	NA	6.18	8.82	9.60	10.71	8.05	10.36
Iowa	6.35	5.97	6.23	5.20	7.33	6.97	6.72	5.62
Kansas	6.90	6.36	5.71	6.00	6.50	6.91	6.40	7.86
Kentucky	6.54	6.28	6.53	6.16	6.68	6.99	6.53	6.49
Louisiana	4.95	5.01	5.11	4.88	5.54	6.10	5.36	5.38
Maine	11.02	10.12	9.14	10.29	9.96	9.83	10.77	10.80
Maryland	9.56	8.71	9.17	12.03	9.63	11.69	10.92	11.40
Massachusetts	9.49	NA	10.32	9.75	9.50	8.78	10.95	11.87
Michigan	5.54	6.12	6.74	6.81	5.42	6.65	5.81	5.59
Minnesota	5.46	5.18	5.49	5.51	6.04	6.03	5.60	5.73
Mississippi	7.28	6.56	6.76	5.91	6.03	6.60	6.03	5.51
Missouri	8.43	8.46	8.30	8.35	7.35	8.09	8.54	9.53
Montana	7.49	NA	NA	NA	6.70	5.19	4.99	4.61
Nebraska	5.33	5.44	5.56	5.78	6.21	5.47	6.23	6.16
Nevada	8.38	8.77	8.82	8.94	8.87	9.24	8.83	8.72
New Hampshire	10.84	10.02	10.76	10.74	11.56	10.71	9.30	8.51
New Jersey	5.47	6.68	5.73	5.91	7.21	6.65	4.28	8.50
New Mexico	6.09	5.93	5.56	6.18	6.69	5.93	5.72	6.81
New York	7.06	7.38	7.41	7.04	7.65	7.54	7.64	9.46
North Carolina	6.91	5.40	6.46	5.64	6.09	6.94	5.79	NA
North Dakota	5.16	4.87	4.65	5.80	5.25	5.18	5.08	5.47
Ohio	9.17	9.21	9.59	8.66	10.15	9.36	8.58	8.78
Oklahoma	8.44	7.74	8.23	7.98	7.91	7.80	9.19	7.82
Oregon	5.82	5.70	5.57	5.70	5.89	5.88	5.59	6.04
Pennsylvania	7.21	7.35	7.40	6.87	8.03	8.18	7.93	8.28
Rhode Island	8.92	9.10	8.64	8.62	7.80	8.59	7.88	8.70
South Carolina	6.17	6.17	6.51	6.34	6.93	7.59	6.61	7.00
South Dakota	5.83	5.68	5.88	5.87	5.99	5.33	5.15	5.80
Tennessee	4.93	4.97	5.08	4.71	5.28	5.48	5.17	6.05
Texas	4.49	4.48	4.98	4.96	5.45	6.43	5.39	5.13
Utah	5.51	5.27	5.56	5.49	5.71	4.96	4.48	4.38
Vermont	5.45	4.90	4.78	4.84	4.88	4.95	4.78	5.15
Virginia	5.48	4.88	6.03	4.43	6.17	6.82	6.94	6.66
Washington	^a 6.98	6.58	6.33	6.48	6.72	6.78	5.82	6.04
West Virginia	5.92	5.73	6.03	5.76	^a 6.42	7.20	6.36	^a 6.17
Wisconsin	7.18	6.11	6.90	6.67	7.28	7.78	6.93	7.45
Wyoming	7.97	7.73	7.27	7.32	7.24	7.27	6.05	5.65
Total	5.15	4.80	5.31	5.22	5.63	6.37	5.61	5.89

See footnotes at end of table.

Table 23. Average Price of Natural Gas Sold to Industrial Consumers, by State, 2002-2004

(Dollars per Thousand Cubic Feet) — Continued

State	2003			2002				
	March	February	January	Total	December	November	October	September
Alabama	8.91	6.83	6.69	5.22	5.53	5.67	4.56	4.80
Alaska	1.70	1.82	1.72	1.63	1.68	1.69	1.58	1.58
Arizona	6.82	5.71	7.37	6.49	5.91	6.09	6.04	6.35
Arkansas	6.41	5.59	5.66	5.64	6.35	5.95	5.40	5.72
California	7.77	7.18	7.36	4.93	6.00	5.81	5.02	4.46
Colorado	4.14	7.16	6.21	4.79	6.17	5.49	4.65	4.40
Connecticut	8.81	8.11	7.38	4.97	6.09	5.56	4.87	4.89
Delaware	7.24	5.88	5.40	6.16	5.53	5.84	6.34	6.68
District of Columbia	—	—	—	—	—	—	—	—
Florida	5.74	6.19	5.46	5.35	5.91	5.30	5.40	5.29
Georgia	NA	7.09	6.55	4.85	5.74	5.48	4.92	4.98
Hawaii	11.35	10.92	10.62	10.17	10.71	10.98	10.24	10.65
Idaho	5.41	5.37	5.56	6.90	5.01	4.35	5.56	5.54
Illinois	8.76	6.84	6.26	4.97	5.79	5.77	5.15	4.95
Indiana	11.23	8.04	7.07	5.48	5.88	5.16	4.17	4.22
Iowa	7.78	6.31	6.47	5.58	7.14	6.24	5.69	5.11
Kansas	7.50	6.58	6.90	3.61	4.65	4.83	4.07	3.46
Kentucky	8.84	6.40	5.89	4.63	5.36	5.46	4.66	4.25
Louisiana	8.03	6.00	5.17	3.70	4.46	4.42	4.02	3.97
Maine	9.98	9.95	10.32	8.44	10.02	9.77	7.61	7.45
Maryland	11.36	8.61	8.40	7.42	7.43	7.31	7.29	6.93
Massachusetts	10.56	10.02	8.87	7.35	9.52	6.87	5.83	7.53
Michigan	5.47	5.02	4.87	4.83	3.71	5.05	5.19	5.26
Minnesota	8.91	5.85	5.36	4.14	4.64	4.89	4.12	3.95
Mississippi	8.68	6.90	5.60	4.53	5.50	5.41	4.95	4.36
Missouri	7.79	7.47	7.05	6.02	6.95	6.64	6.46	6.19
Montana	5.03	4.81	4.70	2.75	2.81	2.59	2.89	3.27
Nebraska	6.80	5.45	5.11	4.25	5.08	4.87	4.23	4.08
Nevada	8.94	8.64	8.39	7.69	7.17	9.32	8.96	8.98
New Hampshire	8.38	8.26	8.39	7.38	7.08	7.36	6.15	5.57
New Jersey	8.78	7.63	6.38	4.91	6.22	5.57	5.30	4.32
New Mexico	6.96	6.10	5.60	4.29	6.29	5.39	4.05	3.84
New York	8.92	7.94	7.05	5.53	6.68	5.92	5.02	4.58
North Carolina	6.63	5.84	5.37	4.91	6.54	5.81	5.01	4.63
North Dakota	8.32	6.14	4.58	4.05	4.69	4.40	3.95	3.56
Ohio	8.37	7.58	6.88	5.67	5.97	6.05	5.67	6.00
Oklahoma	6.71	7.16	6.48	6.28	6.07	5.90	5.90	5.29
Oregon	6.14	6.20	5.88	6.98	5.90	5.83	6.20	7.33
Pennsylvania	9.82	8.05	8.08	6.29	6.58	6.73	5.67	5.40
Rhode Island	7.18	7.30	7.24	4.84	6.62	5.39	5.33	4.31
South Carolina	9.87	7.11	6.65	4.49	5.50	5.36	5.08	4.69
South Dakota	6.76	5.10	4.80	4.28	4.63	4.37	4.00	3.90
Tennessee	7.56	7.05	6.83	5.34	6.06	5.73	5.24	5.19
Texas	8.35	5.93	4.96	3.40	4.22	4.09	3.75	3.52
Utah	5.08	4.30	4.31	3.91	4.30	3.70	2.59	2.59
Vermont	5.04	4.67	4.92	4.39	4.80	4.47	4.61	4.22
Virginia	9.86	NA	6.33	4.59	6.02	4.38	3.44	3.06
Washington	5.87	4.43	5.06	4.81	5.16	4.61	3.87	4.38
West Virginia	NA	8.18	6.32	4.20	5.12	5.11	4.59	3.97
Wisconsin	10.07	6.98	6.62	5.23	6.10	6.32	4.79	4.39
Wyoming	5.88	5.79	5.86	4.21	4.20	4.09	3.81	3.92
Total	8.01	6.27	5.54	4.02	4.92	4.72	4.18	3.89

^R Revised Data.

NA Not Available.

— Not Applicable.

Notes: Data through 2002 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Average prices for gas delivered to industrial consumers

reflect onsystem sales prices only. See Appendix A, Explanatory Note 9 for discussion of computations and revision policy. See Table 25 for data on onsystem sales expressed as a percentage of both total commercial and total industrial deliveries.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 24. Average Price of Natural Gas Sold to Electric Power^a Consumers, by State, 2002-2004

(Dollars per Thousand Cubic Feet)

State	YTD 2004	YTD 2003	YTD 2002	2004		2003		
				February	January	Total	December	November
Alabama	NA	W	W	NA	R5.81	W	W	4.44
Alaska	NA	2.02	W	NA	R2.78	2.29	2.64	2.64
Arizona	NA	W	2.57	NA	R5.82	W	W	4.82
Arkansas	NA	6.24	W	NA	W	W	W	—
California	NA	5.45	3.33	NA	R5.94	5.46	5.54	4.91
Colorado	NA	4.35	2.72	NA	R5.59	4.45	5.05	3.08
Connecticut	NA	W	2.82	NA	R10.75	W	W	W
Delaware	NA	W	W	NA	W	W	W	W
District of Columbia	NA	—	—	NA	—	—	—	—
Florida	NA	5.37	3.38	NA	R6.29	6.04	5.90	5.35
Georgia	NA	7.23	3.04	NA	R6.66	W	6.66	5.39
Hawaii	NA	—	—	NA	—	—	—	—
Idaho	NA	W	W	NA	W	W	W	W
Illinois	NA	5.32	2.75	NA	R6.62	5.94	5.88	5.06
Indiana	NA	W	W	NA	W	W	W	W
Iowa	NA	W	3.18	NA	R7.67	W	6.33	5.66
Kansas	NA	5.75	2.26	NA	R5.77	5.28	5.03	4.35
Kentucky	NA	W	W	NA	W	W	W	W
Louisiana	NA	W	W	NA	W	W	W	W
Maine	NA	7.59	3.13	NA	R8.35	W	7.03	5.12
Maryland	NA	W	3.42	NA	R10.29	W	W	W
Massachusetts	NA	6.07	2.77	NA	R10.25	5.55	6.51	4.82
Michigan	NA	W	3.36	NA	R4.00	W	W	W
Minnesota	NA	W	W	NA	W	W	W	W
Mississippi	NA	W	2.50	NA	R6.48	W	6.66	4.68
Missouri	NA	W	W	NA	W	W	W	W
Montana	NA	W	W	NA	W	W	8.95	W
Nebraska	NA	6.89	2.88	NA	R6.49	6.19	5.91	4.65
Nevada	NA	4.54	4.79	NA	R6.14	5.31	5.70	4.91
New Hampshire	NA	—	—	NA	R8.19	—	—	—
New Jersey	NA	6.85	3.40	NA	R8.51	6.62	6.97	6.03
New Mexico	NA	W	W	NA	W	W	W	W
New York	NA	6.77	3.29	NA	R7.25	6.17	5.74	5.25
North Carolina	NA	W	W	NA	W	W	W	W
North Dakota	NA	7.50	2.89	NA	R9.50	7.64	—	—
Ohio	NA	W	W	NA	W	W	13.72	6.25
Oklahoma	NA	W	W	NA	R6.38	W	5.91	W
Oregon	NA	W	W	NA	R5.23	W	W	4.45
Pennsylvania	NA	7.79	3.21	NA	R9.88	5.63	7.30	4.51
Rhode Island	NA	W	4.25	NA	W	W	W	W
South Carolina	NA	W	W	NA	W	W	W	W
South Dakota	NA	—	—	NA	W	—	—	—
Tennessee	NA	W	W	NA	W	W	—	W
Texas	NA	5.83	2.51	NA	R5.88	5.37	4.73	4.44
Utah	NA	W	W	NA	W	W	—	—
Vermont	NA	—	3.19	NA	W	—	—	—
Virginia	NA	W	W	NA	W	W	W	W
Washington	NA	W	W	NA	R4.98	W	W	3.84
West Virginia	NA	W	3.15	NA	R8.09	W	7.35	6.16
Wisconsin	NA	W	W	NA	R6.68	W	W	W
Wyoming	NA	—	5.62	NA	R2.74	3.40	1.28	4.63
Total	NA	5.83	2.98	NA	R6.38	5.55	5.45	4.78

See footnotes at end of table.

Table 24. Average Price of Natural Gas Sold to Electric Power^a Consumers, by State, 2002-2004

(Dollars per Thousand Cubic Feet) — Continued

State	2003							
	October	September	August	July	June	May	April	March
Alabama	w	w	5.32	w	w	w	6.39	7.20
Alaska	2.65	2.50	2.58	2.57	2.07	2.08	2.11	2.02
Arizona	4.80	5.05	4.98	5.26	5.69	5.17	4.11	6.12
Arkansas	3.86	3.32	—	—	—	4.44	—	7.27
California	5.75	5.20	5.20	5.45	5.33	5.26	5.23	6.78
Colorado	4.47	4.62	4.47	4.79	5.34	4.43	3.48	4.73
Connecticut	w	w	5.64	w	w	w	w	9.26
Delaware	w	w	w	w	w	w	w	w
District of Columbia	—	—	—	—	—	—	—	—
Florida	5.81	5.93	5.89	6.16	6.69	6.14	6.09	7.98
Georgia	8.86	5.14	5.52	5.55	6.21	6.47	5.97	w
Hawaii	—	—	—	—	—	—	—	—
Idaho	w	w	w	w	w	w	w	w
Illinois	4.99	6.26	5.68	5.86	6.55	6.52	6.87	7.93
Indiana	w	w	5.97	w	6.31	w	w	w
Iowa	4.32	5.88	5.87	6.15	6.63	w	w	w
Kansas	4.56	4.94	4.93	5.27	5.76	5.11	4.95	8.76
Kentucky	w	w	w	w	w	w	w	w
Louisiana	w	w	w	w	w	w	5.34	w
Maine	5.41	w	5.45	5.49	w	w	5.96	7.30
Maryland	w	w	6.52	6.15	5.99	4.96	5.46	10.64
Massachusetts	5.00	4.97	4.94	5.45	5.74	5.89	5.67	6.78
Michigan	3.43	3.55	4.45	w	w	4.21	w	w
Minnesota	w	w	w	w	w	w	w	w
Mississippi	5.14	5.03	5.37	w	w	w	w	w
Missouri	4.71	w	w	w	w	w	w	w
Montana	w	6.41	w	w	w	w	w	w
Nebraska	5.01	5.45	5.38	6.36	6.72	6.97	5.91	8.49
Nevada	5.22	5.16	5.43	5.68	6.20	5.55	5.16	5.36
New Hampshire	—	—	—	—	—	—	—	—
New Jersey	5.75	6.00	5.83	6.28	6.94	6.56	6.21	10.25
New Mexico	w	w	w	w	w	w	w	w
New York	5.37	5.55	5.71	5.91	5.87	6.22	6.11	8.68
North Carolina	w	4.87	5.29	5.34	w	w	w	w
North Dakota	—	7.33	9.50	—	7.56	—	—	—
Ohio	w	w	5.88	w	w	6.08	w	w
Oklahoma	w	w	5.23	5.53	6.10	w	w	w
Oregon	4.62	4.68	4.79	4.59	w	w	w	w
Pennsylvania	4.84	4.40	5.34	5.33	5.45	5.10	5.74	7.38
Rhode Island	w	5.57	6.22	w	7.08	6.85	w	10.41
South Carolina	w	w	w	w	w	w	w	w
South Dakota	—	—	—	—	—	—	—	—
Tennessee	—	—	w	w	—	—	w	w
Texas	4.58	4.87	4.99	5.25	5.95	5.63	5.13	7.18
Utah	3.52	w	w	w	w	w	4.16	w
Vermont	—	—	—	—	—	—	—	—
Virginia	w	w	w	w	w	w	w	w
Washington	3.28	3.59	3.41	3.95	w	w	w	w
West Virginia	5.87	5.60	6.05	6.14	7.21	6.40	56.30	15.51
Wisconsin	5.14	5.39	5.28	5.62	6.35	w	w	w
Wyoming	3.17	3.80	3.91	1.90	3.00	3.27	3.86	3.32
Total	5.09	5.12	5.20	5.47	5.97	5.69	5.36	7.16

See footnotes at end of table.

Table 24. Average Price of Natural Gas Sold to Electric Power^a Consumers, by State, 2002-2004
(Dollars per Thousand Cubic Feet) — Continued

State	2003		2002					
	February	January	Total	December	November	October	September	August
Alabama	W	W	3.57	W	W	W	W	W
Alaska	2.03	2.02	W	1.98	2.02	2.02	2.11	2.12
Arizona	W	W	3.26	4.55	3.75	3.57	3.10	2.97
Arkansas	6.42	6.05	3.59	W	W	4.14	3.49	W
California	5.79	5.12	3.82	4.93	4.52	4.22	3.75	3.48
Colorado	3.59	5.15	2.53	3.25	3.01	2.36	2.06	2.22
Connecticut	9.29	W	3.98	W	W	4.49	4.02	3.59
Delaware	W	W	W	W	W	W	W	W
District of Columbia	—	—	—	—	—	—	—	—
Florida	6.35	4.72	4.14	5.57	4.55	4.79	4.12	3.88
Georgia	8.90	6.50	3.73	5.07	4.10	4.47	3.84	3.48
Hawaii	—	—	—	—	—	—	—	—
Idaho	W	W	W	W	W	W	W	W
Illinois	6.87	4.28	3.45	5.64	4.76	4.05	3.81	3.44
Indiana	4.71	W	3.28	W	W	W	3.46	3.22
Iowa	W	W	3.87	4.89	5.15	4.52	3.78	3.28
Kansas	6.47	5.07	3.11	4.22	4.17	3.38	3.09	2.97
Kentucky	W	6.10	3.60	5.24	4.91	4.91	W	W
Louisiana	W	W	3.63	W	W	W	W	3.34
Maine	8.46	7.02	4.09	6.42	4.87	4.71	4.21	3.69
Maryland	W	9.79	4.31	5.75	4.52	4.72	3.93	3.97
Massachusetts	6.72	5.39	3.60	5.03	4.23	3.86	3.72	3.44
Michigan	W	W	3.55	3.74	3.69	3.65	3.68	3.42
Minnesota	W	W	W	W	W	W	W	W
Mississippi	W	W	3.57	W	W	4.25	3.71	3.32
Missouri	W	W	W	W	W	W	W	W
Montana	6.12	W	3.95	6.12	5.21	3.84	W	W
Nebraska	7.05	6.48	4.17	5.24	4.45	4.07	4.01	3.80
Nevada	4.61	4.48	4.53	4.28	4.48	4.33	4.56	3.93
New Hampshire	—	—	4.08	6.51	—	4.42	3.87	3.58
New Jersey	6.72	6.96	4.19	5.24	5.22	4.79	4.07	3.91
New Mexico	W	W	W	W	W	W	W	W
New York	7.33	6.28	4.06	5.21	4.94	4.69	4.18	3.87
North Carolina	W	W	3.52	W	W	4.37	W	3.47
North Dakota	—	7.50	—	—	—	2.00	—	—
Ohio	W	W	3.78	W	6.33	4.87	4.33	3.61
Oklahoma	W	W	3.55	4.82	W	W	W	W
Oregon	W	4.28	3.39	4.01	3.74	3.69	3.07	2.69
Pennsylvania	8.30	7.40	3.97	5.92	5.01	4.75	4.06	3.71
Rhode Island	9.20	W	4.70	W	W	4.86	4.50	4.20
South Carolina	W	W	W	W	W	W	W	W
South Dakota	—	—	—	—	—	—	—	—
Tennessee	W	W	W	W	W	W	W	W
Texas	6.63	5.04	3.41	4.28	4.09	3.95	3.49	3.21
Utah	W	—	W	—	W	W	W	W
Vermont	—	—	—	—	4.86	4.39	—	—
Virginia	W	W	4.30	W	W	W	4.26	3.77
Washington	W	3.66	W	4.32	3.74	3.53	2.95	2.61
West Virginia	W	W	4.17	6.82	6.80	4.92	4.00	4.18
Wisconsin	W	W	3.51	4.83	W	W	3.69	3.14
Wyoming	—	—	4.38	21.17	5.84	2.21	2.22	2.89
Total	6.44	5.28	3.68	4.72	4.35	4.19	3.71	3.42

^a The electric power sector comprises electricity-only and combined-heat-and-power plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. Through 2001, data are for regulated electric utilities only; beginning in 2002, data also include nonregulated members of the electric power sector.

W Withheld.

R Revised Data.

NA Not Available.

— Not Applicable.

Notes: Data through 2002 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia.

Sources: Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Table 25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2002-2004

State	YTD 2004		YTD 2003		YTD 2002		2004	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	March	
							Commercial	Industrial
Alabama	83.1	18.0	82.3	15.8	83.4	23.1	82.8	17.5
Alaska	51.6	88.6	55.0	95.4	56.8	99.2	50.0	83.2
Arizona	94.0	44.5	92.0	34.4	94.9	52.5	93.5	37.8
Arkansas	87.0	5.7	86.2	5.7	87.5	6.2	88.4	5.5
California	68.8	5.8	NA	5.7	71.5	8.7	68.2	5.0
Colorado	97.5	NA	99.9	0.1	93.8	0.6	95.1	0.2
Connecticut	72.0	NA	67.3	50.5	76.0	48.5	70.8	47.4
Delaware	NA	NA	NA	12.1	87.6	19.4	86.2	11.1
District of Columbia	27.3	—	37.0	—	23.6	—	27.5	—
Florida	39.5	2.1	40.5	NA	47.8	3.6	39.2	2.1
Georgia	100.0	6.3	100.0	9.5	100.0	20.8	100.0	6.1
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	88.8	3.0	87.9	2.3	85.2	2.8	88.2	2.8
Illinois	44.1	11.2	46.4	12.2	44.4	11.2	43.5	9.5
Indiana	81.2	8.4	82.8	11.2	78.8	8.9	77.4	8.4
Iowa	77.9	7.5	79.9	7.9	82.6	7.4	77.2	7.0
Kansas	58.9	2.5	63.0	1.8	63.7	5.6	58.6	3.5
Kentucky	79.8	14.3	78.3	17.6	80.7	18.3	77.3	13.0
Louisiana	98.4	16.8	98.7	13.2	98.9	13.1	98.9	17.6
Maine	74.3	10.5	75.3	9.8	60.3	23.1	71.0	8.9
Maryland	100.0	12.6	100.0	11.1	100.0	11.6	100.0	11.2
Massachusetts	77.1	47.1	66.9	49.4	63.4	25.6	76.4	45.9
Michigan	70.4	15.5	67.6	14.8	70.5	13.9	66.3	17.3
Minnesota	94.7	37.1	96.2	43.4	92.5	37.7	94.9	34.1
Mississippi	97.3	24.1	NA	25.9	97.6	28.2	97.6	21.9
Missouri	81.9	15.9	84.6	16.6	86.0	25.1	81.6	14.2
Montana	82.2	2.0	77.9	3.4	76.4	3.2	80.0	1.9
Nebraska	68.7	19.0	66.3	25.2	65.6	23.3	63.8	21.8
Nevada	73.4	20.7	74.2	24.9	87.7	54.4	70.6	15.4
New Hampshire	NA	NA	NA	NA	83.9	13.8	NA	NA
New Jersey	58.8	20.7	59.0	25.2	59.8	23.1	55.3	18.7
New Mexico	67.0	7.9	72.0	4.5	74.4	9.5	66.4	9.0
New York	100.0	15.1	100.0	15.8	100.0	11.8	100.0	14.4
North Carolina	92.1	28.8	93.7	40.2	92.3	28.9	89.4	22.1
North Dakota	94.5	15.1	97.5	44.0	93.6	10.9	93.8	16.2
Ohio	100.0	4.7	100.0	4.6	100.0	5.6	100.0	3.8
Oklahoma	67.4	2.4	77.5	4.7	77.4	5.4	63.4	2.4
Oregon	98.9	24.6	98.5	13.9	97.7	19.9	98.6	24.3
Pennsylvania	100.0	7.6	100.0	8.6	100.0	8.0	100.0	7.9
Rhode Island	75.5	17.9	72.7	19.5	69.4	27.3	75.3	17.3
South Carolina	96.7	78.8	97.1	80.2	97.9	85.2	96.4	79.4
South Dakota	84.8	29.2	85.3	25.9	86.6	45.6	81.1	30.0
Tennessee	93.9	34.4	92.9	29.3	94.9	39.5	93.2	35.0
Texas	86.8	47.6	87.0	40.9	89.8	30.4	82.6	46.6
Utah	86.6	14.1	89.1	14.1	87.5	13.5	84.4	13.3
Vermont	100.0	82.2	100.0	94.5	100.0	78.2	100.0	80.7
Virginia	68.8	NA	68.4	NA	63.3	18.2	61.3	17.2
Washington	NA	NA	89.6	26.2	88.3	27.8	89.2	20.9
West Virginia	67.2	10.6	72.6	NA	64.5	12.1	61.4	11.2
Wisconsin	83.7	19.5	79.4	25.2	81.8	24.9	82.1	18.3
Wyoming	47.9	2.0	49.3	2.7	87.1	2.4	45.4	2.2
Total	80.0	22.4	79.6	21.5	81.4	20.2	78.3	22.2

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2002-2004 — Continued

State	2004				2003			
	February		January		Total		December	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	83.3	18.5	83.0	18.0	77.7	15.0	75.3	16.1
Alaska	50.4	88.8	53.5	96.6	NA	NA	57.3	NA
Arizona	93.7	50.7	94.7	44.2	91.9	37.1	93.8	44.3
Arkansas	86.8	6.0	85.8	5.7	81.9	5.4	85.0	6.2
California	68.6	7.8	69.5	4.5	NA	5.5	71.9	7.0
Colorado	96.8	NA	99.7	—	98.9	0.5	97.0	0.1
Connecticut	73.1	47.7	71.9	NA	68.5	51.0	74.4	59.6
Delaware	NA	NA	90.1	9.7	NA	13.2	87.5	13.1
District of Columbia	27.0	—	27.4	—	30.9	—	31.1	—
Florida	40.3	1.9	39.0	2.2	35.4	NA	35.7	1.6
Georgia	100.0	6.2	100.0	6.7	100.0	6.7	100.0	6.3
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	88.9	3.0	89.0	3.2	85.3	2.1	88.0	3.2
Illinois	44.9	11.3	43.7	12.6	42.4	9.1	44.5	9.8
Indiana	82.5	8.2	82.2	8.5	78.9	NA	81.1	NA
Iowa	76.9	7.1	79.2	8.3	77.3	6.6	78.2	7.6
Kansas	62.4	2.0	55.7	1.9	57.7	3.9	59.1	1.9
Kentucky	81.5	14.7	79.9	15.1	75.1	16.6	78.6	16.0
Louisiana	98.2	17.0	98.2	15.8	98.7	14.2	97.7	15.3
Maine	75.2	10.2	75.9	11.9	NA	NA	NA	14.4
Maryland	100.0	13.5	100.0	13.1	100.0	9.4	100.0	12.2
Massachusetts	76.5	47.3	78.3	48.0	NA	NA	NA	NA
Michigan	72.3	15.3	71.3	14.0	64.3	10.7	69.9	14.1
Minnesota	94.7	36.6	94.7	40.3	92.4	42.4	93.0	43.4
Mississippi	97.3	24.1	97.2	26.5	NA	24.1	96.7	25.6
Missouri	83.5	17.8	80.5	15.5	78.8	12.5	78.1	14.3
Montana	84.1	2.4	82.2	1.8	76.9	NA	90.7	1.6
Nebraska	69.3	18.8	72.4	17.3	64.4	18.6	69.3	21.9
Nevada	74.2	24.3	74.8	22.1	68.2	19.4	72.0	22.0
New Hampshire	NA	NA	NA	NA	NA	NA	NA	NA
New Jersey	61.2	23.2	59.1	20.2	NA	NA	63.6	20.0
New Mexico	67.2	7.2	67.4	7.7	67.5	7.7	69.2	5.1
New York	100.0	16.4	100.0	14.5	100.0	14.8	100.0	13.7
North Carolina	90.5	28.8	95.3	35.5	NA	NA	NA	24.1
North Dakota	94.2	14.6	95.1	^R 14.5	93.1	NA	94.3	NA
Ohio	100.0	5.5	100.0	4.8	100.0	2.9	100.0	3.4
Oklahoma	68.8	2.8	69.1	2.0	71.1	2.6	74.9	2.3
Oregon	98.8	24.4	99.1	25.1	98.4	17.5	98.8	25.3
Pennsylvania	100.0	7.8	100.0	7.2	100.0	6.7	100.0	6.6
Rhode Island	79.3	19.7	71.5	16.5	73.6	17.7	92.2	—
South Carolina	96.9	77.9	96.6	79.1	96.5	80.2	96.3	77.7
South Dakota	85.0	28.5	87.0	29.0	82.3	25.5	82.5	29.1
Tennessee	94.4	34.8	93.8	33.6	88.9	30.1	91.1	36.7
Texas	89.0	49.2	87.8	46.9	87.8	45.9	92.2	50.4
Utah	87.0	15.2	87.3	13.8	84.9	13.6	86.0	13.1
Vermont	100.0	84.7	100.0	79.9	100.0	78.4	100.0	79.7
Virginia	70.9	NA	72.5	19.9	60.8	NA	63.3	13.5
Washington	89.8	21.4	NA	NA	88.1	^R 20.1	90.5	^R 22.2
West Virginia	69.3	10.3	69.5	10.5	60.9	NA	66.5	NA
Wisconsin	83.9	18.9	84.6	21.1	78.1	18.9	82.5	24.7
Wyoming	48.9	1.9	48.8	2.0	50.2	2.1	50.0	2.3
Total	80.8	23.1	80.5	^R22.0	77.3	22.3	80.0	23.2

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2002-2004 — Continued

State	2003							
	November		October		September		August	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	69.0	15.3	68.5	14.1	69.7	14.0	77.2	12.8
Alaska	63.2	100.0	NA	82.3	67.2	70.6	71.3	70.2
Arizona	92.1	41.7	91.6	42.2	92.1	41.9	91.1	36.0
Arkansas	80.3	6.2	75.9	6.6	72.8	6.0	73.5	5.3
California	71.2	5.9	58.9	4.6	64.0	4.8	70.9	5.3
Colorado	99.8	0.3	95.8	0.5	96.8	1.6	96.8	1.8
Connecticut	70.1	60.8	63.6	49.5	67.8	50.7	76.0	44.3
Delaware	82.9	11.8	73.5	18.2	78.8	10.5	77.5	9.5
District of Columbia	29.9	—	25.4	—	23.0	—	18.7	—
Florida	32.7	1.9	31.3	NA	33.9	NA	31.6	1.1
Georgia	100.0	5.6	100.0	5.2	100.0	4.7	100.0	4.3
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	82.5	2.4	74.1	2.0	78.1	1.8	78.4	2.2
Illinois	39.2	9.6	37.8	8.4	36.7	4.8	33.8	7.0
Indiana	75.7	10.3	72.7	NA	68.8	8.4	73.8	5.2
Iowa	76.5	8.9	71.8	7.3	71.4	5.3	68.8	4.7
Kansas	44.5	2.5	45.2	2.6	44.6	4.8	44.5	10.4
Kentucky	75.1	15.6	69.1	17.1	71.2	15.6	69.4	13.8
Louisiana	98.4	17.2	98.9	14.9	99.1	14.2	99.0	13.6
Maine	NA	8.0	57.1	NA	51.1	7.7	54.8	8.7
Maryland	100.0	11.3	100.0	11.4	100.0	6.7	100.0	5.8
Massachusetts	NA	16.4	31.3	NA	39.3	NA	37.7	NA
Michigan	66.2	9.4	58.5	6.8	46.0	6.5	49.1	3.9
Minnesota	93.4	45.7	90.6	43.6	83.4	48.5	91.5	39.7
Mississippi	95.8	18.8	93.3	20.0	93.2	22.2	92.7	22.9
Missouri	68.3	11.1	64.7	9.3	67.9	8.7	63.2	7.3
Montana	89.7	1.2	82.6	NA	85.8	NA	59.5	NA
Nebraska	69.2	18.7	62.8	17.8	64.6	12.5	54.3	11.1
Nevada	66.7	24.2	61.0	16.0	56.5	12.6	62.3	12.1
New Hampshire	64.2	17.0	48.7	12.3	40.4	10.5	45.6	9.7
New Jersey	60.1	14.2	NA	NA	43.3	14.5	36.7	18.8
New Mexico	66.7	6.6	64.3	8.0	60.2	9.1	60.7	15.3
New York	100.0	14.9	100.0	8.9	100.0	12.1	100.0	17.4
North Carolina	72.5	21.2	NA	NA	87.2	31.1	87.5	32.2
North Dakota	93.9	28.0	90.0	24.7	89.5	39.9	88.5	13.1
Ohio	100.0	2.4	100.0	1.8	100.0	1.1	100.0	1.3
Oklahoma	64.8	1.5	58.0	1.5	54.5	0.4	54.6	1.4
Oregon	98.8	24.4	98.2	21.1	98.2	19.2	97.7	15.6
Pennsylvania	100.0	5.9	100.0	5.5	100.0	5.3	100.0	5.1
Rhode Island	67.7	18.5	65.5	22.1	69.2	18.6	75.0	18.8
South Carolina	94.8	78.6	95.8	78.8	96.1	80.1	96.4	79.1
South Dakota	84.6	26.8	76.4	24.8	72.4	25.3	67.4	23.3
Tennessee	85.5	34.1	84.2	34.2	82.0	32.9	79.0	30.5
Texas	88.8	47.8	89.6	49.0	88.7	50.6	90.6	49.3
Utah	83.5	13.3	78.7	13.9	77.1	13.9	71.6	12.7
Vermont	100.0	76.9	100.0	72.7	100.0	69.8	100.0	67.2
Virginia	58.0	14.3	52.7	14.2	44.5	9.9	44.5	15.9
Washington	90.0	18.7	85.4	18.9	83.7	17.5	82.3	15.3
West Virginia	57.0	14.2	52.2	12.9	38.8	14.7	33.5	13.4
Wisconsin	79.3	20.0	76.0	16.6	66.2	11.4	65.2	10.9
Wyoming	56.2	2.6	54.5	1.7	53.7	1.6	48.9	1.5
Total	77.2	22.3	73.0	23.3	72.4	23.1	73.4	23.6

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2002-2004 — Continued

State	2003							
	July		June		May		April	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	75.9	16.0	77.8	14.4	74.0	14.1	76.3	14.9
Alaska	70.3	75.7	NA	NA	58.5	76.1	56.9	87.4
Arizona	90.3	35.0	91.7	33.1	91.6	33.5	90.6	33.5
Arkansas	73.6	4.5	72.0	3.8	75.9	4.0	79.9	4.6
California	59.5	4.4	66.9	5.1	67.3	5.6	64.7	6.5
Colorado	99.9	1.1	99.8	0.5	99.4	0.5	99.7	0.7
Connecticut	70.4	45.4	67.1	47.7	64.8	48.9	66.8	51.0
Delaware	76.3	13.6	80.4	11.1	83.6	18.2	86.4	20.4
District of Columbia	18.8	—	26.9	—	29.0	—	29.3	—
Florida	32.2	NA	32.8	2.0	34.4	1.9	34.8	2.2
Georgia	100.0	3.8	100.0	6.8	100.0	7.4	100.0	7.4
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	80.2	2.0	82.5	1.6	85.4	1.7	85.8	1.8
Illinois	33.2	5.2	34.4	6.3	31.9	7.3	41.2	8.4
Indiana	65.3	5.6	68.4	5.3	72.4	6.3	75.2	6.5
Iowa	71.6	4.5	72.7	5.0	71.7	4.3	76.1	5.6
Kansas	44.2	6.5	54.1	3.6	54.6	5.3	59.3	3.6
Kentucky	71.0	14.3	72.6	17.6	70.8	16.6	60.0	18.4
Louisiana	99.1	12.5	98.9	14.5	99.0	14.6	98.9	14.4
Maine	47.0	6.6	61.0	7.9	50.2	10.3	71.7	9.0
Maryland	100.0	6.0	100.0	6.2	100.0	6.7	100.0	8.6
Massachusetts	60.0	13.5	30.9	29.6	62.8	23.7	54.1	43.8
Michigan	45.4	6.2	50.2	5.8	59.7	8.7	65.5	11.7
Minnesota	78.8	36.2	90.5	40.7	81.3	40.8	87.5	37.6
Mississippi	93.6	27.2	93.8	26.9	93.7	22.5	94.5	24.7
Missouri	73.7	10.5	68.9	10.4	74.6	10.2	79.8	11.5
Montana	59.6	1.0	58.3	1.0	64.0	1.8	65.3	2.1
Nebraska	64.5	10.0	55.7	27.0	55.1	19.3	58.6	21.8
Nevada	59.4	13.8	62.9	13.4	64.6	15.0	69.0	23.1
New Hampshire	45.4	10.3	44.4	10.7	73.8	8.3	81.9	13.5
New Jersey	26.6	16.7	42.2	19.5	26.3	25.8	60.5	28.8
New Mexico	61.8	11.4	59.4	8.7	58.6	9.3	65.4	7.5
New York	100.0	15.4	100.0	17.6	100.0	14.9	100.0	15.1
North Carolina	89.4	32.6	93.2	30.1	89.5	30.5	90.9	NA
North Dakota	85.8	28.7	81.5	48.5	88.0	45.9	65.9	45.4
Ohio	100.0	1.5	100.0	1.9	100.0	1.5	100.0	3.1
Oklahoma	54.7	2.4	62.6	3.0	62.4	1.4	66.2	2.5
Oregon	97.8	15.5	97.6	16.1	98.0	16.1	98.2	12.7
Pennsylvania	100.0	5.5	100.0	5.5	100.0	5.8	100.0	7.4
Rhode Island	77.1	16.8	63.5	11.7	76.0	26.7	71.4	19.6
South Carolina	96.4	80.5	96.7	83.2	96.8	83.3	96.0	81.0
South Dakota	72.4	24.7	76.6	22.4	81.8	23.9	80.5	26.0
Tennessee	79.4	28.9	81.4	24.7	84.6	25.9	87.8	27.5
Texas	88.7	54.2	86.4	40.0	85.7	41.5	83.0	41.1
Utah	72.6	11.9	78.7	13.2	80.9	14.1	87.5	14.9
Vermont	100.0	74.5	100.0	71.9	100.0	73.7	100.0	75.3
Virginia	45.9	10.5	56.3	6.9	55.6	10.0	57.8	19.6
Washington	82.7	13.6	83.8	15.1	85.9	18.5	88.6	19.5
West Virginia	39.4	^R 13.7	35.9	14.1	44.9	13.6	58.1	^R 14.0
Wisconsin	65.4	9.9	70.1	10.8	75.6	14.2	79.4	17.6
Wyoming	42.0	1.7	52.9	1.6	47.6	1.6	46.5	2.1
Total	71.2	25.7	72.4	20.0	73.5	20.5	76.6	21.2

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2002-2004 — Continued

State	2003						2002	
	March		February		January		Total	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	80.6	16.8	85.6	15.5	80.3	15.3	80.4	21.7
Alaska	53.5	89.6	52.9	99.1	57.9	98.6	60.0	90.2
Arizona	91.2	33.4	91.3	35.7	93.1	34.3	92.8	41.2
Arkansas	85.5	5.8	86.4	6.0	86.7	5.4	80.8	5.0
California	64.4	5.5	NA	8.0	NA	3.7	68.6	7.7
Colorado	99.8	0.2	99.9	—	99.9	—	95.3	1.2
Connecticut	66.9	52.8	65.6	47.4	69.3	51.1	72.4	48.9
Delaware	90.0	13.8	91.2	13.8	NA	9.9	82.8	13.4
District of Columbia	42.8	—	38.7	—	30.8	—	23.5	—
Florida	37.4	2.4	40.2	NA	43.5	NA	42.3	3.3
Georgia	100.0	17.3	100.0	6.3	100.0	5.2	100.0	19.2
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	88.3	2.1	87.6	2.5	87.9	2.2	85.9	2.1
Illinois	47.4	11.9	46.5	12.3	45.5	12.4	40.9	9.3
Indiana	81.5	8.0	81.9	12.0	84.5	13.0	78.4	8.6
Iowa	79.8	7.7	79.3	7.4	80.8	8.6	81.4	7.6
Kansas	65.8	2.0	63.3	2.1	60.3	1.3	58.9	10.9
Kentucky	71.3	17.4	81.3	17.5	80.4	17.9	78.9	18.0
Louisiana	98.7	12.8	98.9	14.1	98.6	12.7	99.0	13.3
Maine	74.7	9.8	77.7	10.4	73.8	9.4	61.6	10.7
Maryland	100.0	10.8	100.0	12.6	100.0	10.0	100.0	8.0
Massachusetts	63.2	46.0	68.7	59.1	67.8	45.5	57.4	20.1
Michigan	66.3	14.9	68.2	14.3	68.0	15.1	63.3	10.2
Minnesota	99.1	40.2	95.6	44.2	94.7	45.3	90.7	40.1
Mississippi	NA	26.9	96.9	28.6	95.8	22.8	96.7	25.9
Missouri	85.5	16.2	85.4	18.0	82.9	15.7	80.1	16.1
Montana	75.3	3.3	74.0	2.8	84.3	4.2	75.1	2.1
Nebraska	64.8	27.8	66.7	25.5	67.3	22.9	63.7	15.7
Nevada	71.0	20.6	76.6	29.2	74.9	25.9	78.5	34.3
New Hampshire	85.0	15.5	NA	NA	NA	NA	80.6	12.3
New Jersey	61.5	28.0	58.8	24.9	57.2	22.9	49.1	20.8
New Mexico	70.8	5.5	72.1	4.2	73.0	3.8	68.8	14.1
New York	100.0	16.2	100.0	15.7	100.0	15.5	100.0	11.0
North Carolina	95.4	43.0	93.5	40.5	92.9	37.6	90.8	39.2
North Dakota	97.1	38.5	98.2	34.3	97.2	53.2	91.6	9.2
Ohio	100.0	4.3	100.0	5.2	100.0	4.4	100.0	3.9
Oklahoma	76.3	6.3	77.1	4.3	79.1	3.6	71.0	3.3
Oregon	98.5	13.8	98.5	14.2	98.6	13.7	98.7	14.5
Pennsylvania	100.0	8.8	100.0	8.5	100.0	8.6	100.0	7.3
Rhode Island	77.2	21.5	74.2	19.0	67.2	18.2	65.9	27.3
South Carolina	96.8	77.7	97.4	81.2	97.2	81.1	98.5	85.2
South Dakota	85.9	27.3	83.4	24.4	86.6	26.3	83.1	52.2
Tennessee	92.1	30.1	93.5	31.0	92.9	26.9	90.9	36.0
Texas	86.1	40.6	86.8	41.1	87.8	41.1	87.2	42.3
Utah	88.5	13.1	89.5	14.6	89.1	14.6	83.7	13.6
Vermont	100.0	100.0	100.0	100.0	100.0	87.0	100.0	74.8
Virginia	64.5	13.0	67.9	NA	71.4	20.7	61.4	15.3
Washington	89.7	25.5	89.7	26.9	89.5	26.3	89.8	27.5
West Virginia	70.3	NA	74.3	12.7	72.6	14.4	57.4	12.7
Wisconsin	78.9	24.4	79.6	25.7	79.7	25.4	75.9	21.4
Wyoming	46.8	2.5	52.6	2.9	48.4	2.7	73.0	2.0
Total	80.0	21.4	79.6	21.8	79.1	21.2	78.4	22.5

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2002-2004 — Continued

State	2002							
	December		November		October		September	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	82.3	23.7	74.4	24.4	73.6	21.6	76.4	20.2
Alaska	68.3	99.6	66.6	96.3	63.4	99.4	55.0	86.9
Arizona	91.0	33.0	90.2	32.9	88.9	33.1	92.1	36.7
Arkansas	82.4	4.9	79.3	4.8	71.2	5.0	73.3	3.8
California	73.0	8.1	68.6	7.2	69.3	7.7	67.6	6.7
Colorado	96.9	0.6	96.9	0.6	96.1	0.6	96.3	1.7
Connecticut	70.8	54.2	74.8	49.1	66.1	52.2	73.1	53.9
Delaware	86.8	10.3	82.4	10.6	70.2	8.6	70.3	8.0
District of Columbia	27.3	—	28.4	—	24.2	—	17.5	—
Florida	41.8	3.8	38.7	3.2	39.1	2.9	37.5	3.3
Georgia	100.0	19.5	100.0	19.4	100.0	18.2	100.0	18.5
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	91.1	2.3	90.1	1.3	83.5	1.6	85.9	1.4
Illinois	46.3	12.6	41.6	10.7	39.1	9.4	30.0	6.6
Indiana	85.6	12.4	78.9	12.6	74.5	12.5	66.2	6.6
Iowa	83.5	10.2	89.2	12.8	89.9	10.4	53.0	5.6
Kansas	59.2	4.3	55.4	4.3	41.8	5.8	51.6	11.7
Kentucky	81.2	18.7	79.2	19.1	74.3	18.3	71.4	16.6
Louisiana	98.7	14.7	98.6	13.3	99.2	12.6	99.3	12.8
Maine	71.9	6.8	69.8	5.7	70.4	4.8	36.7	100.0
Maryland	100.0	11.9	100.0	7.1	100.0	6.9	100.0	4.3
Massachusetts	65.4	28.6	62.0	21.7	44.6	14.8	41.0	9.4
Michigan	64.5	17.6	61.2	10.9	53.2	6.5	42.4	4.0
Minnesota	93.6	48.2	96.2	43.6	94.5	56.2	78.3	38.2
Mississippi	97.2	25.2	93.6	26.3	94.0	23.9	94.4	24.2
Missouri	83.0	18.8	78.2	14.1	61.4	9.1	72.3	10.9
Montana	81.7	3.4	76.9	2.1	76.7	1.1	66.9	0.8
Nebraska	67.9	19.6	71.2	18.9	68.6	16.4	61.6	8.8
Nevada	72.5	28.8	68.4	23.1	65.4	21.2	65.5	19.5
New Hampshire	88.8	17.4	90.0	32.4	72.3	29.4	47.9	7.7
New Jersey	52.7	26.0	53.6	22.1	36.5	18.5	24.3	18.1
New Mexico	72.1	13.4	75.0	12.2	62.7	12.5	47.6	16.1
New York	100.0	11.2	100.0	9.4	100.0	7.7	100.0	13.5
North Carolina	93.2	38.9	89.3	40.1	88.0	45.1	87.1	46.3
North Dakota	95.1	13.2	95.1	14.4	93.1	11.6	90.1	6.7
Ohio	100.0	6.7	100.0	4.9	100.0	2.3	100.0	2.5
Oklahoma	75.1	3.8	69.7	2.9	53.3	1.4	50.9	2.7
Oregon	99.6	12.8	99.4	12.6	99.3	11.6	99.2	10.8
Pennsylvania	100.0	11.4	100.0	8.2	100.0	7.5	100.0	7.2
Rhode Island	69.7	27.3	62.9	27.3	51.2	27.3	59.7	27.3
South Carolina	98.8	79.7	98.3	81.4	100.0	88.3	99.6	88.3
South Dakota	83.9	70.8	79.7	66.6	84.0	63.3	69.9	52.3
Tennessee	93.4	38.2	87.5	33.9	82.4	35.4	80.3	33.8
Texas	86.1	44.0	90.5	43.0	81.4	42.6	83.1	45.5
Utah	88.1	13.7	86.4	15.0	82.7	12.8	75.8	13.5
Vermont	100.0	85.5	100.0	76.2	100.0	72.6	100.0	66.8
Virginia	70.0	22.9	64.8	19.4	56.8	16.0	49.1	13.2
Washington	92.0	26.9	91.5	31.6	87.5	25.4	84.0	24.7
West Virginia	69.9	10.4	55.7	13.1	85.7	10.7	33.8	16.1
Wisconsin	80.6	28.9	75.6	24.8	67.0	20.9	52.1	14.7
Wyoming	47.6	1.7	50.5	1.5	56.4	2.2	52.6	1.9
Total	80.7	23.0	79.5	21.7	74.7	21.6	71.0	22.4

^R Revised Data.

NA Not Available.

— Not Applicable.

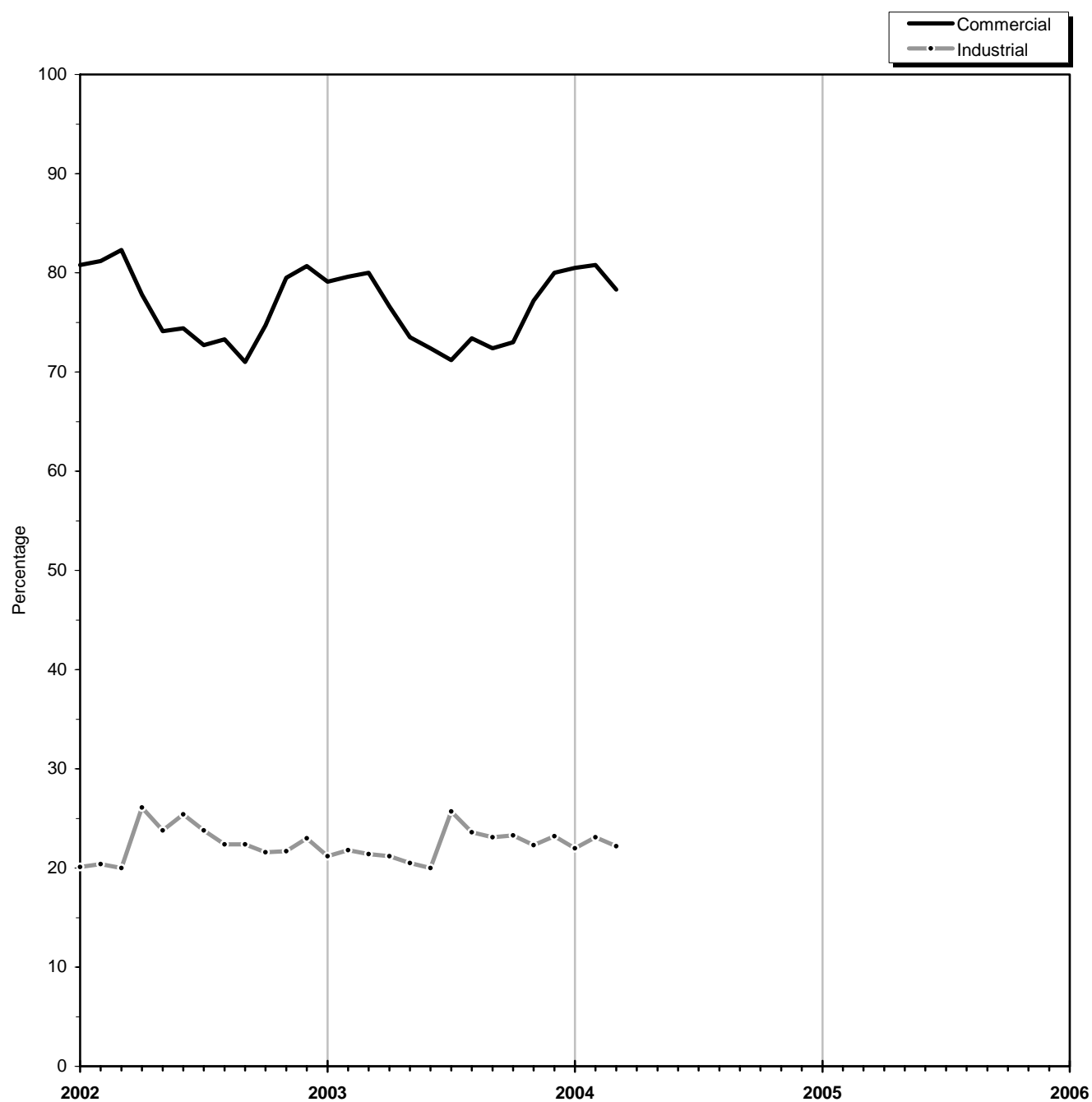
Notes: Volumes of natural gas reported for the commercial and industrial sectors in this publication include data for both sales and deliveries for the account of others. This table shows the percent of the total State volume that represents natural gas sales to the commercial and industrial sectors. This information may be helpful in evaluating

commercial and industrial price data which are based on sales data only except in the States of Georgia, Maryland, New York, Ohio and Pennsylvania. See Appendix C, Statistical Considerations, for a discussion of the computation of natural gas prices.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," and Form EIA-910, "Monthly Natural Gas Marketer Survey."

Figure 6

Figure 6. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, 2002-2004



Source: Table 25.

Appendix A

Explanatory Notes

The Energy Information Administration (EIA) publishes monthly data for the supply and disposition of natural gas in the United States in the *Natural Gas Monthly* (NGM). The information in this Appendix is provided to assist users in understanding the monthly data. Table A1 lists the methodologies for deriving the data to be published for the most recent months shown in Tables 1-3. The following explanatory notes describe sources for all NGM tables.

Note 1. Production

Annual Data

Natural gas production data are collected from 32 gas-producing States on the voluntary Form EIA-895 "Monthly Quantity and Value of Natural Gas Report." The form requests data on gross withdrawals, gas vented and flared, repressuring, nonhydrocarbon

Table A1. Methodology for Most Recent Monthly Natural Gas Supply and Disposition Data of Table 1-3

Components	Reporting Methodology
Supply and Disposition	
Marketed Production	Derived from the Short-Term Energy Outlook
Extraction Loss	Derived from Marketed Production
Dry Production	Marketed Production minus Extraction Loss
Withdrawals from Storage	Reported on Form EIA-191
Supplemental Gaseous Fuels	Derived from supply estimates and coal gasification information
Imports	Estimated from National Energy Board of Canada information and liquefied natural gas information
Additions to Storage	Reported on Form EIA-191
Exports	Estimated from industry trends and liquefied natural gas information
Current-Month Consumption	Reported on Form EIA-857, Form EIA-906, and other sources below.
Consumption by Sector	
Lease and Plant Fuel	Derived from Marketed Production
Pipeline and Distribution Use	Derived from Deliveries to Consumers
Residential	Estimated from sample data reported on Form EIA-857
Commercial	Estimated from sample data reported on Form EIA-857
Industrial	Estimated from sample data reported on Form EIA-857
Electric Power	Estimated from sample data reported on Form EIA-906
Vehicle Fuel	Derived from annual estimates provided by the Coal, Nuclear and Renewable Fuels Division of EIA

gases removed, fuel used on leases, marketed production (wet), and extraction loss. The U.S. Minerals Management Service (MMS) also supplies data on the quantity and value of natural gas production from the federal waters of the Gulf of Mexico.

Monthly Data

State marketed production data are derived from State data submissions, State and MMS websites reporting natural gas production, and EIA estimates. State marketed production data for a particular month are estimated if data are unavailable at the time of publication. For most States, the data are estimated based on final monthly data reported on the Form EIA-895 for the previous year. Monthly State estimates for nonhydrocarbon gas removed, gas used for repressuring, and gas vented and flared are based on the ratio of the item to gross withdrawals as reported on the annual EIA-895. These ratios are applied to the monthly estimates for gross withdrawals to calculate figures for nonhydrocarbon gases removed, gas used for repressuring, and gas vented and flared. Current monthly estimates for gross withdrawals are calculated from final monthly data filed on Form EIA-895 for the previous year, if necessary. The Reserves and Production Division of the Office of Oil and Gas, EIA, provides estimates of marketed production for the States of Texas, Louisiana, and Oklahoma.

All monthly data are considered preliminary until after publication of the *Natural Gas Annual* (NGA) for the year in which the report month falls. Volumetric data are converted, as necessary, to a standard 14.73 psia pressure base. Data are revised as Table 7 monthly data are updated. Final monthly data are the sums of monthly data reported on the Form EIA-895 annual schedule.

Note 2. Nonhydrocarbon Gases Removed

Annual Data

Data on nonhydrocarbon gases removed from marketed production—carbon dioxide, helium, hydrogen sulfide, and nitrogen—are reported by State agencies on Form EIA-895. Nine of the 32 producing States reported data on nonhydrocarbon gases removed during 2002. These 9 States accounted for 36 percent of total 2002 gross withdrawals. The State of Missouri has reported zero gross withdrawals since 1997.

Monthly Data

All monthly data are considered preliminary until after publication of the NGA for the year in which the

report month falls. Monthly State estimates of nonhydrocarbon gases removed are prepared by EIA based on annual data reported on Form EIA-895, if necessary. Each State's annual percentage of nonhydrocarbon gases removed to gross withdrawals reported is applied to the States monthly gross withdrawal data to produce an estimate of nonhydrocarbon gases removed.

For States not supplying monthly data on the annual schedule of the EIA-895, final monthly data are calculated by allocating the final annual volume to the months in the same proportion as the preliminary monthly data.

Note 3. Extraction Loss

Annual Data

Extraction loss data are calculated from data reported on Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production". For a fuller discussion, see the NGA.

Monthly Data

Preliminary data are estimated based on extraction loss as an annual percentage of marketed production. This percentage is applied to each month's marketed production to estimate monthly extraction loss.

Monthly data are revised after the publication of the NGA. Final monthly data are estimated by allocating annual extraction loss data to each month based on its total natural gas marketed production.

Note 4. Supplemental Gaseous Fuels

Annual Data

Annual data on supplemental gas fuel supply are reported on Form EIA-176 "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Monthly Data

All monthly data are considered preliminary until after the publication of the NGA for the year in which the report month falls. Monthly estimates are based on the annual ratio of supplemental gaseous fuels to the sum of dry gas production, net imports, and net withdrawals from storage. This ratio is applied to the monthly sum of these three elements to compute a monthly supplemental gaseous fuels figure.

Monthly data are revised after publication of the NGA. Final monthly data are estimated based on the revised annual ratio of supplemental gaseous fuels to

the sum of dry gas production, net imports, and net withdrawals from storage. This revised ratio is applied to the revised monthly sum of these three supply elements to compute final monthly data.

Note 5. Imports and Exports

Annual Data and Final Monthly Data

Annual and final monthly data are supplied by the Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports", which requires monthly data to be reported each quarter for the calendar year.

Monthly Data - Imports

Preliminary monthly import data are based on data from the National Energy Board of Canada and responses to informal industry contacts and EIA estimates. Preliminary data are revised after the publication of the NGA.

Monthly Data - Exports

Preliminary monthly export data are based on historical data from the Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports", informal industry contacts, and information gathered from natural gas industry trade publications. Preliminary monthly data are revised after publication of the NGA.

Note 6. Natural Gas Storage

Note that final monthly and annual storage levels, additions, and withdrawal data shown in Table 2 include both underground and liquefied natural gas (LNG) storage.

Annual Data

Preliminary annual data on additions and withdrawals from underground storage facilities are the sum of the monthly data from the EIA-191. Final annual data are adjusted to data in the EIA-176.

Annual data on LNG additions and withdrawals are from the EIA-176.

Monthly Data

Preliminary and final monthly data on underground storage levels, additions, and withdrawals are from the EIA-191. All operators of underground storage fields complete the survey.

Estimates of monthly LNG additions and withdrawals are calculated by applying the proportion of each

month's net injections to underground storage during the injection season to annual LNG additions and the proportion of each month's net withdrawals from underground storage during the withdrawal season to annual LNG withdrawals.

There are three principal types of underground storage facilities in operation in the United States today: salt caverns (caverns hollowed out in salt "bed" or "dome" formations), depleted fields (depleted reservoirs in oil and/or gas fields), and aquifer reservoirs (water-only reservoirs conditioned to hold natural gas). A storage facility's daily deliverability or withdrawal capability is the amount of gas that can be withdrawn from it in a 24-hour period. Salt cavern storage facilities generally have high deliverability because all of the working gas in a given facility can be withdrawn in a relatively short period of time. (A typical salt cavern cycle is 10 days to deplete working gas, and 20 days to refill working gas.) By contrast, depleted field and aquifer reservoirs are designed and operated to withdraw all working gas over the course of an entire heating season (about 150 days). Further, while both traditional and salt cavern facilities can be switched from withdrawal to injection operations during the heating season, this is usually more quickly and easily done in salt cavern facilities, reflecting their greater operational flexibility.

Note 7. Consumption

Annual Data

All annual data are from the NGA. Total consumption is the sum of the components of consumption listed below. Monthly data are revised after publication of the NGA.

Monthly Data

All monthly data are considered preliminary until after publication of the NGA.

Residential, Commercial, and Industrial Sector Consumption

Preliminary estimates of monthly deliveries of natural gas to residential, commercial, and industrial consumers in 50 States are based on data reported on Form EIA-857 "Monthly Report of Natural Gas Purchases and Deliveries." See Appendix C, "Statistical Considerations," for a detailed explanation of sample selection and estimation procedures. Monthly data for a given year are revised after the publication of the NGA to correct for any sampling error. Final monthly data are estimated by allocating annual consumption data from the Form EIA-176 to each month in proportion to monthly volumes reported in Form EIA-857.

Vehicle Fuel Use

Monthly U.S. total estimates of natural gas (compressed or liquefied) used as vehicle fuel are derived from an annual estimate of vehicle fuel use provided by the Coal, Nuclear, and Renewable Fuels Division of EIA. Monthly State level vehicle fuel data are not available.

Electric Power Sector Consumption

Monthly estimates of deliveries of natural gas to electric power producers are derived from data submitted by the sample of electric power producers reporting monthly on Form EIA-906, "Power Plant Report." The estimates reported in the NGM represent gas delivered to electricity-only plants (utility and nonutility power producers) and combined heat and power (CHP) plants whose primary business is to sell electricity, or electricity and heat, to the public. For a discussion of these estimates, see the *Electric Power Monthly*.

Pipeline and Distribution Use

Preliminary monthly estimates are based on the pipeline fuel consumption as an annual percentage of total consumption from the previous years Form EIA-176. This percentage is applied to each months total consumption figure to compute the monthly estimate.

Monthly data are revised after the publication of the NGA. Final monthly data are based on the revised annual ratio of pipeline fuel consumption to total consumption from the Form EIA-176. This ratio is applied to each months revised total consumption figure to compute final monthly pipeline fuel consumption estimates.

Lease and Plant Fuel Consumption

Preliminary monthly data are estimated based on lease and plant fuel consumption as an annual percentage of marketed production. This percentage is applied to each months marketed production figure to compute estimated lease and plant fuel consumption.

Monthly data are revised after publication of the NGA. Final monthly plant fuel data are based on a revised annual ratio of plant fuel consumption to marketed production from Form EIA-176. This ratio is applied to each months revised marketed production figure to compute final monthly plant fuel consumption estimates. Final monthly lease data are collected on the Form EIA-895 and estimates from the Form EIA-176. See the NGA for a complete discussion of this process.

Note 8. Balancing Item

The balancing item category represents the difference between the sum of the components of natural gas supply and the sum of the components of natural gas disposition. These differences may be due to data reporting problems or to issues in survey coverage. Preliminary monthly data in the balancing item category are calculated by subtracting dry gas production, withdrawals from storage, supplemental gaseous fuels, and imports from total disposition. The balancing item may reflect problems in any of the surveys comprising natural gas supply or disposition.

Reporting problems include differences due to the net result of conversions of flow data metered at varying temperatures and pressure bases and converted to a standard temperature and pressure base; the effect of variations in company accounting and billing practices; differences between billing cycles and calendar periods; and imbalances resulting from the merger of data reporting systems, which vary in scope, format, definitions, and type of respondents. Survey coverage problems include incomplete survey frames or problems in sampling design.

Annual data are from the NGA. For an explanation of the methodology used in calculating the annual balancing item, see the NGA.

Note 9. Average Price of Deliveries to Consumers

For most States, price data are representative of prices for gas sold and delivered to residential, commercial, and industrial consumers by local distribution companies. In the States of Georgia, Maryland, New York, Ohio, and Pennsylvania, the residential and commercial sector prices reported in the NGM include data on prices of gas sold to customers in those sectors by energy marketers. These latter data are collected on Form EIA-910, "Monthly Natural Gas Marketer Survey." Except for these States, none of the prices reflect average prices of natural gas transported to consumers for the account of third parties or Aspot-market@ prices. Table 25 indicates the percentage of total deliveries included in commercial and industrial price estimates.

Prices of natural gas delivered to electric utilities are derived from data reported on Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants" as reported in the *Electric Power Monthly*. Data on the price of natural gas delivered to other electric power producers are not available.

Note 10. Average Wellhead Price

Annual Data

Form EIA-895 requests State agencies to report the quantity and value of marketed production. When complete data are unavailable, the form instructs the State agency to report the available aggregate value and the quantity of marketed production associated with this value. A number of States reported volumes of production and associated values for other than marketed production. In addition, information for several States that were unable to provide data was obtained from Form EIA-176. It should be noted that Form EIA-176 reports a fraction of State production. The imputed average value of marketed production in each State is calculated by dividing the States reported aggregate value by its associated production. This unit price is then applied to the quantity of the States marketed production to derive the imputed aggregate value of marketed production.

Monthly Data

Preliminary values for the monthly U.S. natural gas wellhead price are estimated from the New York Mercantile Exchange (NYMEX) futures final settlement price for near-month delivery at the Henry Hub, and reported cash market prices at 5 major trading hubs: Henry Hub, LA; Carthage, TX; Katy, TX; Waha, TX; and Blanco, NM. The NYMEX price is publicly available and is reported in numerous trade publications, including NGI's Daily Gas Price Index (published by Intelligence Press, Inc.). The cash market prices are published in another trade publication, Natural Gas Week (Energy Intelligence Group, Inc.), and they reflect the spot delivered-to-pipeline, volume-weighted average prices for natural gas bought and sold at the specified trading hubs.

Prices include processing, gathering, and transportation fees to the hubs. The estimated wellhead prices are derived with a statistical procedure based on analysis of monthly time series data for the period 1995 through 2000. The preliminary estimates are replaced when annual survey data become available, usually about 10 months after the end of the report year.

Final monthly data are provided through the Form EIA-895, which requests State agencies to report monthly values of marketed production. Details of the monthly collection match those described in the preceding section on annual data. Preliminary monthly gas price data are replaced by these final monthly data.

Note 11. Heating Degree-Days

Degree-days are relative measurements of outdoor air temperature. Heating degree-days are deviations of the mean daily temperature below 65 degrees Fahrenheit. A weather station recording a mean daily temperature of 40 degrees Fahrenheit would report 25 heating degree-days. There are several degree-day databases maintained by the National Oceanic and Atmospheric Administration. The information published in the NGM, is developed by the National Weather Service Climate Analysis Center, Camp Springs, Maryland.

The data are available weekly with monthly summaries and are based on mean daily temperatures recorded at about 200 major weather stations around the Country. The temperature information recorded at these weather stations is used to calculate Statewide degree-day averages weighted by gas home customers. The State figures are then aggregated into Census Divisions and into the national average.

Appendix B

Data Sources

The data in this publication are taken from survey reports collected by the Energy Information Administration (EIA), the Federal Energy Regulatory Commission (FERC), and the Office of Fossil Energy of the U.S. Department of Energy (DOE). The EIA is the independent statistical and analytical agency within the DOE. The FERC is an independent regulatory commission within the DOE that has jurisdiction primarily in the regulation of electric utilities and the interstate natural gas industry. The Office of Fossil Energy has the authority under Section 3 of the Natural Gas Act of 1938 to grant authorizations for the import and export of natural gas.

Data are collected from annual, quarterly, and monthly surveys. The primary annual report is the Form EIA-176 "Annual Report of Natural and Supplemental Gas Supply and Disposition," a mandatory survey of all companies that deliver natural gas to consumers or that transport gas across State lines. The Office of Fossil Energy provides quarterly files of monthly data on imports and exports. The monthly reports include surveys of the natural gas industry, surveys of the electric power industry, and a voluntary survey completed by energy or conservation agencies in the gas-producing States. The monthly natural gas industry surveys are the Form EIA-191 filed by companies that operate underground storage facilities, the voluntary Form EIA-895 filed by the gas-producing States and the U.S. Minerals Management Service, the Form EIA-857, filed by a sample of companies that deliver natural gas to consumers, and the Form EIA-910, filed by natural gas marketers in select States. The electric power industry surveys are the Form EIA-906 filed by a sample of electric power generators and the Form FERC-423 filed (for price data) by fossil-fueled electric utilities. Responses to the monthly surveys are mandatory, except for Form EIA-895. A description of the survey respondents, reporting requirements, and processing of the data is given on the following pages for each of the surveys. Copies of the forms and instructions are available on the EIA website.

Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"

The Form EIA-176 is mailed to all identified interstate and intrastate natural gas pipeline companies; investor and municipally owned natural gas distributors; underground natural gas storage operators; synthetic natural gas plant operators; and field, well, or processing plant operators that deliver natural gas directly to consumers (including their own industrial facilities); and/or companies that transport gas across a State border through field or gathering facilities. Each company is required to file if it meets the survey specifications. The mailing in 2003 for report year 2002 totaled approximately 2000 questionnaire packages. While final nonresponse rates vary, the rates have averaged about 1 percent in recent years.

The EIA-176 is a multi-line, multi-page schedule for reporting all supplies of natural gas and supplemental gaseous fuels and their disposition within the State indicated. Respondents file completed forms with EIA in Washington, DC. Data for the report year are due by March 1st. Extensions of the filing deadline for up to 30 days are granted to any respondent upon request.

All natural gas and supplemental gaseous fuels volumes are reported on a physical custody basis in thousand cubic feet (Mcf), and dollar values are reported to the nearest whole dollar. All volumes are reported at 14.73 pounds per square inch absolute pressure (psia) and 60 degrees Fahrenheit.

Data from Form EIA-176 are also published in the *Natural Gas Annual*. Data reported on this form are no longer considered proprietary. Response to the form continues to be mandatory.

Form EIA-895, "Monthly and Annual Quantity and Value of Natural Gas Report"

Data collection on the Form EIA-895, "Monthly and Annual Quantity and Value of Natural Gas Report," began in January 1995. This form was designed to replace the Interstate Oil and Gas Compact Commission (IOGCC) voluntary form, "Monthly Report of Natural Gas Production." All gas-producing States and the U.S. Minerals Management Service are requested to report on the Form EIA-895; a voluntary report. In 1996, an annual schedule was added to the voluntary Form EIA-895 to replace a prior annual production form. The form was designed to provide a standard reporting system, to the extent possible, for the natural gas data reported by the States. Data are not considered proprietary.

Form EIA-895 is mailed to energy or conservation agencies in all 32 natural gas producing States. All producing States participate voluntarily in the EIA-895 survey by filing the completed form or by responding to telephone contacts. Reports on company production are due 20 days after the end of the report month to the States. (In most cases, the data are not available to the States until after this time period.) Therefore, States are requested to send the report within 80 days after the end of the report month. Monthly data are obtained from about half of the reporting States and MMS on this schedule. EIA prepares estimates for the remaining States based on annual data submissions from the States until monthly State data are provided. The annual schedule of the Form EIA-895 is due with the December data report. Of the 32 natural gas producing states, 31 participated in the annual EIA-895 survey by filing the completed form or by responding to telephone calls. Data for the State of Illinois, which did not respond, were estimated.

The Form EIA-895 is a three-page form collecting monthly and annual data on elements of the production of natural gas beginning with gross withdrawals from gas and oil wells. Starting in 2003, the Form EIA-895 also collects information about production of coalbed methane. The commercial recovery of methane from coalbeds contributes a significant amount to the production totals in a number of States. Coalbed methane seams production quantities (in million cubic feet) are included in gross withdrawals totals for the following States: Alabama (115,949), Colorado (474,342), New Mexico (497,260), and Wyoming (327,785) for 2002.

Data are also collected on volumes returned to formation for repressuring, pressure maintenance,

and cycling; quantities vented and flared; quantities of nonhydrocarbon gases removed; quantities of fuel used on lease; and marketed production as well as the monthly volume and value of marketed production. The annual schedule collects data on the number of producing gas wells, the production of natural gas including gross withdrawals from both gas and oil wells; volumes returned to formation for repressuring, pressure maintenance, and cycling; quantities vented and flared; quantities of nonhydrocarbon gases removed; quantities of fuel used on lease; marketed production; the value of marketed production; and quantity of marketed production (value based). Respondents are asked to report all volumes in thousand cubic feet at the States standard pressure base and at 60 degrees Fahrenheit. All dollar values are reported in thousands.

Data on the quantities of nonhydrocarbon gases removed from marketed production in 2002, including carbon dioxide, helium, hydrogen sulfide and nitrogen, were reported by the appropriate agencies of 9 of the 32 producing States. These 9 States accounted for 36 percent of total 2002 gross withdrawals. The State of Missouri has reported zero gross withdrawals since 1997.

State marketed production data are derived from State data submissions, State and MMS websites reporting natural gas production, and EIA estimates. State marketed production data for a particular month are estimated if data are unavailable at the time of publication. For most States, the data are estimated based on final monthly data reported on the Form EIA-895 for the previous year. Monthly State estimates for nonhydrocarbon gas removed, gas used for repressuring, and gas vented and flared are based on the ratio of the item to gross withdrawals as reported on the annual EIA-895. These ratios are applied to the months estimates for gross withdrawals to calculate figures for nonhydrocarbon gases removed, gas used for repressuring, and gas vented and flared. Current monthly estimates for gross withdrawals are calculated from final monthly data filed on Form EIA-895 for the previous year, if necessary. The Reserves and Production Division of the Office of Oil and Gas, EIA, provides estimates of marketed production for the States of Texas, Louisiana, and Oklahoma.

Data from Form EIA-895 are also published in the *EIA Natural Gas Annual*.

Form EIA-191, "Underground Natural Gas Storage Report"

The Form EIA-191, "Monthly Underground Natural Gas Storage Report," is completed by approximately 122 companies that operate underground facilities. The final monthly and annual response rates are 100 percent. The EIA-191 monthly schedule contains current month data on the total quantities of gas in storage, injections and withdrawals, the location (including State and county, field, reservoir) and peak day withdrawals during the reporting period. The annual schedule contains type of facility, storage field capacity, maximum deliverability and pipelines to which each field is connected. The annual schedule for the prior year is filed with the January submission.

Collection of the survey is on a custody basis. Information requested must be provided within 20 days after the last day of each month. Twelve reports are required per calendar year. Respondents are required to indicate whether the data reported are actual or estimated. For most of the estimated filings, the actual data or necessary revisions are submitted on separate forms for each month. Actual data on natural gas injections and withdrawals from underground storage are based on metered quantities. Data on quantities of gas in storage and on storage capacity represent, in part, reservoir engineering evaluations. All volumes are reported at 14.73 psia and 60 degrees Fahrenheit.

The EIA publications, *Monthly Energy Review* and *Winter Fuels Report*, contain data from the EIA-191 survey.

"Quarterly Natural Gas Import and Export Sales and Price Report"

Beginning in 1995, import and export data have been taken from the "Quarterly Natural Gas Import and Export Sales and Price Report." This report is prepared by the Office of Fossil Energy, U.S. Department of Energy, based on information submitted by all firms having authorization to import or export natural gas. The Office of Fossil Energy provides authorizations for import or export to applicants under Section 3 of the Natural Gas Act of 1938.

All companies are required, as a condition of their authorizations to file quarterly reports with the Office of Fossil Energy. The data are reported at a monthly level of detail.

Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"

Monthly price and volume data on gas deliveries are collected on the Form EIA-857 from a sample of respondents representing the 50 States and the District of Columbia. Response to Form EIA-857 is mandatory and data are considered proprietary. Completed forms are required to be submitted to EIA on or before the 30th day after the end of the report month.

A sample of approximately 400 natural gas companies, including interstate pipelines, intrastate pipelines, and local distribution companies report to the survey. The sample was selected independently for each of the 50 States and the District of Columbia from a frame consisting of all respondents to Form EIA-176 who reported deliveries of natural gas to consumers in the residential, commercial, or industrial sectors. Each selected company is required to complete and file the Form EIA-857 monthly. Each month about half the responses are received by the due date although response rates by first publication of the relevant month are approximately 87 percent. When a response is extremely late, and the company represents less than 25 percent of the natural gas volumes delivered by all sampled companies in the State, values are imputed as described in Appendix C. When the company's submission is eventually received, the submitted data are used for future processing and revisions. Final response rates are approximately 95 percent.

Form EIA-857 data are used to estimate monthly sales of natural gas (volume and price) by State and monthly deliveries of natural gas on behalf of others (volume) by State to three consumer sectors - residential, commercial, and industrial. (Monthly deliveries of natural gas to electric power generators are reported on the Form EIA-906, "Power Plant Report," monthly prices for electric utilities are obtained from Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants", and monthly prices for nonutility power producers are from Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report.") See Appendix C for a discussion of the sample design and estimation procedures. Data from Form EIA-857 are also used to calculate the city gate price.

Form EIA-910, “Monthly Natural Gas Marketer Survey”

The Form EIA-910, “Monthly Natural Gas Marketer Survey” collects information on natural gas sales from marketers in selected States (Georgia, Maryland, New York, Ohio and Pennsylvania) that have active customer choice programs. These States were selected based on the percentage of natural gas sold by marketers in the residential and commercial end-use sectors. The survey collects monthly price and volume data on natural gas sold by all marketers in the selected States. A natural gas marketer is a company that competes with other companies to sell natural gas service, but relies on regulated local distribution companies to deliver the gas. The data

collected on the Form EIA-910 is integrated with residential and commercial price data from the Form EIA-857 for the States of Georgia, Maryland, New York, Ohio, and Pennsylvania. Response to the EIA-910 is mandatory and data are considered proprietary.

Approximately 150 natural gas marketers report to the survey. Final monthly survey response rates are approximately 98 percent. Responses are filed with EIA in Washington, DC on or before the 30th day after the end of the report month.

All natural gas volumes are reported in thousand cubic feet at 14.73 psia at 60 degrees Fahrenheit and dollar values are reported as whole dollar.

Appendix C

Statistical Considerations

The monthly sales (volume and price) and monthly deliveries (volume) of natural gas to residential, commercial and industrial consumers presented in this report by State are estimated from data reported on the Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers." Monthly prices in select states (currently Georgia, Maryland, New York and Ohio) are supplemented with data from the Form EIA-910 "Monthly Natural Gas Marketer Survey". (See Appendix B for a description of these Forms.) These estimations must be made from the reported data since the Form EIA-857 is a sample survey. A description of the sample design and the estimation procedures is given below.

Sample Design

The Form EIA-857 is a monthly sample survey of companies delivering natural gas to consumers. It includes inter- and intrastate pipeline companies, and producers, as well as local distribution companies. The survey provides data that are used each month to estimate the volume of natural gas delivered and the price for onsystem sales of natural gas by State to three consumer sectors—residential, commercial, and industrial. Monthly deliveries and prices of natural gas to the electric power sector are reported on the Form EIA-906, "Power Plant Report, and the Form FERC-423, "Monthly Report of Costs and Quality of Fuels for Electric Plants."

Sample Universe. The sample currently in use was selected from a universe of 1,556 companies. These companies were respondents to the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," for reporting year 2001 who reported sales or deliveries to consumers in the residential, commercial or industrial sectors. (See Appendix B for a description of the Form EIA-176.)

Sampling Plan. The goal was a sample that would provide estimates of monthly natural gas consumption by the three consuming sectors within each State and the District of Columbia. A stratified sample using a single stage and systematic selection with probability proportional to size was designed.

The measure of size was the volume of natural gas physically delivered in the State to the three consuming sectors by the company in 2001. There were two strata—companies selected with certainty and companies selected under the systematic probability proportional to size design.

Initial calculations showed that a 25 percent sample of companies would yield reasonably accurate estimates. The sample was selected independently in each State, resulting in a national total of 405 respondent companies.

Certainty Stratum. Since estimates were needed for each of the 50 States and the District of Columbia, the strata were established independently within each State. In 16 States and the District of Columbia where sampling was not feasible due to small numbers of companies and/or small volumes of gas deliveries, all companies were selected. The 16 States were: Alaska, Connecticut, Delaware, Hawaii, Idaho, Maine, North Dakota, New Hampshire, New Jersey, Nevada, Oregon, Rhode Island, South Dakota, Utah, Vermont, and Washington.

For each of the remaining States, the total volumes of industrial sales and deliveries and of the combined residential/commercial sales and deliveries were determined. Companies with natural gas deliveries to the industrial sector or to the combined residential/commercial sector above a certain level were selected with certainty. Since a few large companies often account for most of the natural gas delivered within a State, this ensures those companies' inclusion in the sample. The formula for determining certainty was applied independently in the two consumer sectors—the industrial and the combined residential/commercial. These selected companies, together with the companies in the jurisdictions discussed where sampling was not feasible, formed the certainty stratum.

All companies with natural gas deliveries in sector j greater than the cut-off value ($C_{.j}$) were included in the certainty stratum. The formula for $C_{.j}$ was:

$$C_{.j} = \frac{X_{.j}}{2n} \quad (1)$$

where:

$C_{.j}$ = cutoff value for consumer sector j,

n = target sample size to be selected for the State, 25 percent of the companies in the State,

X_{ij} = the annual volume of natural gas deliveries by company i to customers in consumer sector j,

$X_{i.}$ = the sum within State of annual gas volumes for company i,

$X_{.j}$ = the sum within State of annual gas volumes in consumer sector j,

$X_{..}$ = the sum within State of annual gas volumes in all consumer sectors.

Noncertainty Stratum. All other companies formed the noncertainty stratum. They were systematically sampled with probability proportional to size. The measure of size for each company was the total volume of gas sales to all consumer sectors ($X_{i.}$). The number of companies to be selected from the noncertainty stratum was calculated for each State, with a minimum of 2.

The formula for selecting the number of noncertainty stratum companies was:

$$m = n \frac{X_{2.}}{X_{..}} \quad (2)$$

where:

m = the sample size for the noncertainty stratum within a State,

$X_{2.}$ = the sum within State of the $X_{i.}$ for all companies in the noncertainty stratum.

Companies were listed in ascending order according to their measure of size and then a cumulative measure of size in the stratum was calculated for each company. The cumulative measure of size was the sum of the measures of size for that company and all preceding companies on the list. An interval of width I for selecting the companies systematically was calculated using.

A uniform random number R was selected between zero and $\left(I = \frac{X_{2.}}{m}\right)I$. The first sampled company was

the first company on the list to have a cumulative measure of size greater than R . The second company selected was the first company on the list to have a cumulative measure of size greater than $R + I$. $R + I$

was increased again by I to determine the third company to be selected. This procedure was repeated until the entire sample was drawn.

Subgroups. In four States, the noncertainty stratum was divided into subgroups to ensure that gas in each consumer sector could be estimated. The systematic sample with probability proportional to size design described above was applied independently in each subgroup. The methods for determining the subgroup sample size and calculating the subgroup interval for sample selection were the same as the methods described above for the noncertainty stratum, except that $X_{2.}$ was the sum within State of the $X_{i.}$ for only those companies in the subgroup.

These subgroups were defined only for the purpose of sample selection. They are:

Kansas, Louisiana, Texas: companies delivering gas only to industrial consumers and those delivering to any other sector.

South Carolina: companies delivering more than 3 Bcf to consumers and those below that level.

Estimation Procedures

Estimates of Volumes. A ratio estimator is applied to the volumes reported in each State by the sampled companies to estimate the total gas sales and deliveries for the State. Ratio estimators are calculated for each consumer sector — residential, commercial, and industrial — in each State where companies are sampled. The following annual data are taken from the most recent submissions of Form EIA-176:

The formula for calculating the ratio estimator (E_{vj}) for the volume of gas in consumer sector j is:

$$E_{vj} = \frac{\gamma_{.j}}{\gamma'_{.j}} \quad (3)$$

where:

$\gamma_{.j}$ = the sum within State of annual gas volumes in consumer sector j for all companies,

$\gamma'_{.j}$ = the sum within State of annual gas volumes in consumer sector j for those companies in the sample.

The ratio estimator is applied as follows:

$$V_{vj} = \gamma_{.j} \times E_{vj} \quad (4)$$

where:

V_j = the State estimate of monthly gas volumes in consumer sector j ,

y_j = the sum within State of reported monthly gas volumes in consumer sector j .

Computation of Natural Gas Prices. The natural gas volumes that are included in the computation of prices represent only those volumes associated with natural gas sales by natural gas companies except as explained below.

The price of natural gas for a State within a sector is calculated as follows:

$$P_j = \frac{R_j}{V_j} \quad (5)$$

where:

P_j = the average price for gas sales within the State in consumer sector j ,

R_j = the reported revenue from natural gas sales within the State in consumer sector j ,

V_j = the reported volume of natural gas sales within the State in consumer sector j .

All average prices are weighted by their corresponding sales volume estimates when national average prices are computed.

The monthly average prices of natural gas to residential and commercial consumers in Georgia, Maryland, New York, Ohio and Pennsylvania are monthly average prices of natural gas are based on total sales (sales by local distribution companies and natural gas marketers). Volumes of gas delivered for the account of others to these consumer sectors are not included in the State or national average prices except in these states.

The price of natural gas in the residential and commercial sectors in Georgia, Maryland, New York, Ohio and Pennsylvania is calculated as follows:

$$P_c = \left[\left(\frac{R_s}{V_s} \right) * \left(\frac{V_s}{V_s + V_t} \right) \right] + \left[\left(\frac{Rm_s}{Vm_s} \right) * \left(\frac{V_t}{V_s + V_t} \right) \right] \quad (6)$$

P_c = the combined average price for gas sales by local distribution companies and marketers within the State in sector s (residential or commercial)

R_s = the reported revenue from natural gas sales by local distribution companies within the State in s (residential or commercial)

V_s = the reported volume of natural gas sales by local distribution companies within the State in s (residential or commercial)

V_t = the reported volume of natural gas transported by local distribution companies for marketers within the State in s (residential or commercial)

Rm_s = the reported revenue from natural gas sales by marketers within the State in s (residential or commercial)

Vm_s = the reported volume of natural gas sales by a marketer within the State in s (residential or commercial)

Table 25 shows the percent of the total State volume that represents volumes from natural gas sales to the commercial and industrial sectors. This table may be helpful in evaluating commercial and industrial price data. All natural gas prices to the residential sector represent onsystem sales volumes only except in Georgia, Maryland, New York, Ohio and Pennsylvania.

See the section on consumer price calculations in this Appendix for further price information.

Estimation for Nonrespondents. A volume for each consumer category is imputed for companies that fail to respond. The imputation is based on the previous month's value reported by the non-responding company and the change from the previous month to the current month in volumes reported by other companies in the State. The imputed volumes are included in the State totals. To estimate prices for non-respondents, the unit price (dollars per thousand cubic feet) reported by the company in the previous month is used.

The formula for imputing volumes of gas volumes for nonrespondents was:

$$F_t = F_{t-1} \times \frac{y_{jt}}{y_{jt-1}} \quad (7)$$

where:

F_t = imputed gas volume for current month t ,

F_{t-1} = gas volume for the company for the previous month,

y_{jt} = gas volume reported by companies in the State stratum for report month t ,

y_{jt-1} = gas volume in the previous month for companies in the State stratum that reported in month t.

Final Revisions

Adjusting Monthly Data to Annual Data. After the annual data reported on the Form EIA-176 have been submitted, edited, and prepared for publication in the *Natural Gas Annual*, revisions are made to monthly data. The revisions are made to the volumes and prices of natural gas delivered to consumers that have appeared in the *Natural Gas Monthly (NGM)* to match them to the annual values appearing in the *Natural Gas Annual*. The revised monthly estimates allocate the difference between the sum of monthly estimates and the annual reports according to the distribution of the estimated values across the months.

Before the final revisions are made, changes or additions to submitted data received after publication of the monthly estimate and not sufficiently large to require a revision to be published in the *NGM*, are used to derive an updated estimate of monthly consumption and revenues for each State's residential, commercial, or industrial natural gas consumption.

For each State, two numbers are revised, the estimated consumption and the estimated price per thousand cubic feet.

The formula for revising the estimated consumption is:

$$V_{jm}^* = V_{jm} + \left[(V_{ja} - V_{jm}') \left(\frac{V_{jm}}{V_{jm}'} \right) \right] \quad (8)$$

where:

V_{jm}^* = the final volume estimate for month m in consumer sector j,

V_{jm} = the estimated volume for month m in consumer sector j,

V_{ja} = the volume for the year reported on Form EIA-176,

V_{jm}' = the annual sum of estimated monthly volumes

The price is calculated as described above in the Estimation Procedures section, using the final revised consumption estimate and a revised revenue estimate.

The formula for revising the estimated revenue is:

$$R_{jm}^* = R_{jm} + \left[(R_{ja} - R_{jm}') \left(\frac{R_{jm}}{R_{jm}'} \right) \right] \quad (9)$$

where:

R_{jm}^* = the final revenue estimate for month m in consumer sector j,

R_{jm} = the estimated revenue for month m in consumer sector j,

R_{ja} = the revenue for the year reported on Form EIA-176,

R_{jm}' = The annual sum of estimated monthly revenues.

Revision of Volumes and Prices for Deliveries to Electric Power Sector. Revisions to monthly deliveries to the electric power sector are published throughout the year as they become available.

Reliability of Monthly Data

The monthly data published in this report are subject to two sources of error - nonsampling error and sampling error. Nonsampling errors occur in the collection and processing of the data. See the discussion of the Form EIA-857 in Appendix B for a description of nonsampling errors for monthly data.

Sampling error may be defined as the difference between the results obtained from a sample and the results that a complete enumeration would provide. The standard error statistic is a measurement of sampling error.

Standard Errors. A standard error of an estimate is a statistical measure that indicates how the estimate from the sample compares to the result from a complete enumeration. Standard errors are calculated based on statistical theory that refers to all possible samples of the same size and design.

The standard errors for monthly natural gas volume estimates by State are given in Table C1. Ninety-five percent of the time, the volume that would have been obtained from a complete enumeration will lie in the range between the estimated volume minus two standard errors and the estimated volume plus two standard errors.

The standard error of the natural gas volume estimate is the square root of the variance of the estimate. The formula for calculating the variance of the volume estimate is:

$$V(\hat{\gamma}) = \sum_{h=1}^H \left[N_h^2 \frac{\left(1 - \frac{n_h}{N_h} \right)}{n_h(n_h - 1)} \left(\sum_{i=1}^n (y_i - Tx_j)^2 \right) \right] \quad (10)$$

where:

H = the total number of strata

N_h = the total number of companies in stratum h

n_h = the sample size in stratum h

y_i = the reported monthly volume for company i

x_i = the reported annual volume for company i

T = the ratio of the sum of the reported monthly volumes for sample companies to the sum of the reported annual volumes for the sample companies.

Table C-1. Standard Error for Natural Gas Deliveries and Price to Consumers by State, March 2004

State	Volume Million Cubic Feet				Price Dollars per Thousand Cubic Feet		
	Residential	Commercial	Industrial	Total	Residential	Commercial	Industrial
Alabama	190	446	3,894	3,924	0.64	NA	0.94
Alaska	0	0	0	0	—	—	—
Arizona	11	90	0	90	0.03	0.09	—
Arkansas	11	23	16	30	0.01	0.01	0.10
California	1,054	119	505	1,175	0.07	0.20	0.25
Colorado	2,563	1,931	788	3,304	0.29	0.63	0.81
Connecticut	0	0	0	0	—	—	—
Delaware	0	0	0	0	—	—	—
District of Columbia	0	0	0	0	—	—	—
Florida	39	700	623	938	0.37	NA	NA
Georgia	487	335	1,668	1,770	NA	NA	NA
Hawaii	0	0	0	0	—	—	—
Idaho	0	0	0	0	—	—	—
Illinois	1,222	1,500	522	2,003	0.27	0.35	NA
Indiana	595	49	464	756	0.88	NA	0.24
Iowa	170	45	686	709	0.57	0.58	0.35
Kansas	121	214	689	732	0.11	0.01	1.38
Kentucky	198	87	382	438	0.25	0.20	0.32
Louisiana	1,318	102	2,602	2,918	NA	0.49	0.03
Maine	0	0	0	0	—	—	—
Maryland	50	23	83	100	0.03	0.07	0.61
Massachusetts	267	443	1,870	1,940	0.43	0.80	0.21
Michigan	177	69	15	191	0.01	0.01	0.01
Minnesota	1,217	1,182	1,418	2,211	0.25	0.22	0.22
Mississippi	257	190	429	535	0.82	0.57	3.02
Missouri	186	156	251	349	0.48	0.28	NA
Montana	3	0	0	3	0.10	0.17	—
Nebraska	109	1,725	1,399	2,223	NA	NA	NA
Nevada	0	0	0	0	—	—	—
New Hampshire	NA	NA	0	0	NA	NA	NA
New Jersey	0	0	0	0	—	—	—
New Mexico	41	430	342	551	0.24	0.34	NA
New York	1,164	2,736	866	3,097	0.02	0.22	0.64
North Carolina	79	75	387	403	0.05	0.08	1.03
North Dakota	0	0	0	0	—	—	—
Ohio	1,686	1,874	944	2,692	0.62	NA	NA
Oklahoma	183	124	2,236	2,247	0.08	0.13	0.79
Oregon	0	0	0	0	—	—	—
Pennsylvania	250	129	250	376	0.30	0.30	NA
Rhode Island	0	0	0	0	—	—	—
South Carolina	104	64	132	180	0.39	0.19	0.07
South Dakota	0	0	0	0	—	—	—
Tennessee	541	792	1,081	1,445	0.47	NA	NA
Texas	956	748	0	1,214	0.18	0.39	—
Utah	0	0	0	0	—	—	—
Vermont	0	0	0	0	—	—	—
Virginia	232	293	428	568	0.06	0.48	NA
Washington	0	0	0	0	—	—	—
West Virginia	177	98	2	202	0.44	0.74	0.07
Wisconsin	1,092	1,485	14,439	14,557	0.57	0.79	1.00
Wyoming	40	39	109	123	0.36	NA	NA
Total	4,485	5,121	15,879	17,276	0.08	0.12	0.17

NA Not Available.
— Not Applicable.

Source: Energy Information Administration, Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Appendix D

Technical Contacts

Section	Tables		Principal Data Sources	Technical Contact
Summary Statistics: Natural Gas Production	1,2,3	Monthly: Annual:	EIA-895, "Monthly Quantity and Value of Natural Gas Report"	Sharon Belcher (202) 586-6119
Extraction Loss	1	Monthly: Annual:	EIA computations Form EIA-816, "Monthly Natural Gas Liquids Report," and Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"	Steve Nalley (202) 586-0959
Supplemental Gaseous Fuels	2	Monthly: Annual:	EIA computations Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"	Steve Nalley (202) 586-0959
Imports and Exports	2	Monthly: Annual:	EIA computations Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports"	Donna Guerrina (202) 586-6135
Price: City Gate, Residential, Commercial, and Industrial	4	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers" Form EIA-910, "Monthly Natural Gas Marketer Survey"	Roy Kass (202) 586-4790 Amy Sweeney (202) 586-2627
Wellhead	4	Monthly: Annual:	EIA computations Form EIA-895, "Monthly Quantity and Value of Natural Gas Report"	William Trapmann (202) 586-6408
Electric Power	4	Monthly:	Form FERC-423, "Cost and Quality of Fuels for Electric Power Plant," Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants"	Steve Scott 202-287-1737 Rebecca McNemay 202-287-1913
Summary of Natural Gas Imports and Exports	5,6	Monthly:	Office of Fossil Energy, U.S. Department Of Energy, "Natural Gas Imports and Exports"	Donna Guerrina (202) 586-6135
Producer Related Activities: Natural Gas Production	7,8	Monthly:	EIA-895, "Monthly Quantity and Value of Natural Gas Report"	Sharon Belcher (202) 586-6119
Underground Storage:	9,10,11, 12,13,14	Monthly:	Form EIA-191, "Monthly Underground Gas Storage Report"	Carol Jones (202) 586-6168
Distribution and Consumption: Deliveries to: Residential, Commercial, Industrial, Electric Power, All Consumers	15 16 17 18 19	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers" Form EIA-906, "Power Plant Report"	Roy Kass (202) 586-4790
Average Price to: City Gate, Residential, Commercial, Industrial, Electric Power	20 21 22 23 24	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers" Form FERC-423, "Cost and Quality of Fuels for Electric Power Plants" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants" Form EIA-910, "Monthly Natural Gas Marketer Survey"	Roy Kass (202) 586-4790
Onsystem Sales	25	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"	Roy Kass (202) 586-4790
Heating Degree Days	26	Seasonal:	National Oceanic and Atmospheric Administration	Patricia Wells (202) 586-6077
Highlights				Eva Fleming (202) 586-6113

Glossary

Aquifer Storage Field: A sub-surface facility for storing natural gas, consisting of water-bearing sands topped by an impermeable cap rock.

Balancing Item: Represents the difference between the sum of the components of natural gas supply and the sum of the components of natural gas disposition. These differences may be due to data reporting or survey coverage problems. Reporting problems include differences due to the net result of conversions of flow data metered at varying temperature and pressure bases and converted to a standard temperature and pressure base; the effect of variations in company accounting and billing practices; differences between billing cycle and calendar period time frames; and imbalances resulting from the merger of data reporting systems which vary in scope, format, definitions, and type of respondents. Survey problems include incomplete survey frames, problems in sampling design, or response problems.

Base (Cushion) Gas: The volume of gas needed as a permanent inventory to maintain adequate underground storage reservoir pressures and deliverability rates throughout the withdrawal season. All native gas is included in the base gas volume.

City-gate: A point or measuring station at which a gas distribution company receives gas from a pipeline company or transmission system.

Commercial Consumption: Gas used by nonmanufacturing establishments or agencies primarily engaged in the sale of goods or services such as hotels, restaurants, wholesale and retail stores and other service enterprises; and gas used by local, State and Federal agencies engaged in nonmanufacturing activities.

Depleted Storage Field: A sub-surface natural geological reservoir, usually a depleted oil or gas field, used for storing natural gas.

Dry Natural Gas Production: Marketed production less extraction loss.

Electric Power Sector: An energy-consuming sector that consists of electricity-only and combined heat and

power (CHP) plants whose primary business is to sell electricity, or electricity and heat, to the public – i.e., North American Industry Classification System 22 plants. Combined heat and power plants that identify themselves as primarily in the commercial or industrial sectors are reported in those sectors.

Electric Power Consumption: Gas used as fuel in the electric power sector.

Electric Utility: A corporation, person, agency, authority, or other legal entity or instrumentality aligned with distribution facilities for delivery of electric energy for use primarily by the public. Included are investor-owned electric utilities, municipal and State utilities, Federal electric utilities, and rural electric cooperatives. A few entities that are tariff based and corporately aligned with companies that own distribution facilities are also included. Note: Due to the issuance of FERC Order 888 that required traditional electric utilities to functionally unbundle their generation, transmission, and distribution operations, “electric utility” currently has inconsistent interpretations from State to State.

Exports: Natural gas deliveries out of the continental United States and Alaska to foreign countries.

Extraction Loss: The reduction in volume of natural gas resulting from the removal of natural gas liquid constituents at natural gas processing plants.

Flared: The volume of gas burned in flares on the base site or at gas processing plants.

Gas Condensate Well: A gas well that produces from a gas reservoir containing considerable quantities of liquid hydrocarbons in the pentane and heavier range generally described as “condensate.”

Gas Well: A well completed for the production of natural gas from one or more gas zones or reservoirs.

Gross Withdrawals: Full well stream volume, including all natural gas plant liquid and nonhydrocarbon gases, but excluding lease condensate. Also includes amounts delivered as royalty payments or consumed in field operations.

Heating Value: The average number of British thermal units per cubic foot of natural gas as determined from tests of fuel samples.

Imports: Natural gas received in the Continental United States (including Alaska) from a foreign country.

Industrial Consumption: Natural gas used for heat, power, or chemical feedstock by manufacturing establishments or those engaged in mining or other mineral extraction as well as consumers in agriculture, forestry, fisheries and construction. .

Intransit Deliveries: Redeliveries to a foreign country of foreign gas received for transportation across U.S. territory and deliveries of U.S. gas to a foreign country for transportation across its territory and redelivery to the United States.

Intransit Receipts: Receipts of foreign gas for transportation across U.S. territory and redelivery to a foreign country and redeliveries to the United States of U.S. gas transported across foreign territory.

Lease and Plant Fuel: Natural gas used in well, field, lease operations and as fuel in natural gas processing plants.

Liquefied Natural Gas (LNG): Natural gas that has been liquefied by reducing its temperature to minus 260 degrees Fahrenheit at atmospheric pressure.

Marketed Production: Gross withdrawals less gas used for repressuring, quantities vented and flared, and nonhydrocarbon gases removed in treating or processing operations. Includes all quantities of gas used in field and processing operations. See Explanatory Note 1 for discussion of coverage of data concerning nonhydrocarbon gases removed.

Native Gas: Gas in place at the time that a reservoir was converted to use as an underground storage reservoir as in contrast to injected gas volumes.

Natural Gas: A mixture of hydrocarbon compounds and small quantities of various nonhydrocarbons existing in the gaseous phase or solution with oil in natural underground reservoirs at reservoir conditions.

Nonhydrocarbon Gases: Typical nonhydrocarbon gases that may be present in reservoir natural gas are

carbon dioxide, helium, hydrogen sulfide, and nitrogen.

Oil Well (Casinghead) Gas: Associated and dissolved gas produced along with crude oil from oil completions.

Onsystem Sales: Sales to customers where the delivery point is a point on, or directly interconnected with, a transportation, storage, and/or distribution system operated by the reporting company.

Pipeline Fuel: Gas consumed in the operation of pipelines, primarily in compressors.

Repressuring: The injection of gas into oil or gas formations to effect greater ultimate recovery.

Residential Consumption: Gas used in private dwellings, including apartments, for heating, cooking, water heating, and other household uses.

Salt Cavern Storage Field: A storage facility that is a cavern hollowed out in either a salt bed or "dome" formation.

Storage Additions: The volume of gas injected or otherwise added to underground natural gas or liquefied natural gas storage during the applicable reporting period.

Storage Withdrawals: Total volume of gas withdrawn from underground storage or liquefied natural gas storage during the applicable reporting period.

Supplemental Gaseous Fuels Supplies: Synthetic natural gas, propane-air, refinery gas, biomass gas, air injected for stabilization of heating content, and manufactured gas commingled and distributed with natural gas.

Synthetic Natural Gas (SNG): A manufactured product chemically similar in most respects to natural gas, that results from the conversion or reforming of petroleum hydrocarbons and may easily be substituted for or interchanged with pipeline quality natural gas.

Underground Gas Storage Reservoir Capacity: Interstate company reservoir capacities are those certificated by FERC. Independent producer and intrastate company reservoir capacities are reported as developed capacity.

Vehicle Fuel Consumption: Natural gas (compressed or liquefied) used as vehicle fuel.

Vented Gas: Gas released into the air on the base site or at processing plants.

Wellhead Price: Represents the wellhead sales price, including charges for natural gas plant liquids subsequently removed from the gas, gathering and

compression charges, and State production, severance, and/or similar charges.

Working (Top Storage) Gas: The volume of gas in an underground storage reservoir above the designed level of the base. It may or may not be completely withdrawn during any particular withdrawal season. Conditions permitting, the total working capacity could be used more than once during any season.